



US00D655724S

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

(10) **Patent No.:** **US D655,724 S**  
(45) **Date of Patent:** **\*\* Mar. 13, 2012**

(54) **METALLIC CORE OF RUBBER CRAWLER**

(75) Inventor: **Nobuo Shimozono**, Tokyo (JP)

(73) Assignee: **Bridgestone Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/396,698**

(22) Filed: **Jul. 6, 2011**

(30) **Foreign Application Priority Data**

Apr. 14, 2011 (JP) ..... 2011-008635

(51) **LOC (9) Cl.** ..... **15-03**

(52) **U.S. Cl.** ..... **D15/28**

(58) **Field of Classification Search** ..... D15/22-26,  
D15/28; 305/170-177, 159, 187, 189, 167,  
305/165, 51, 111, 46, 198, 53, 204, 193  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|              |      |         |                 |         |
|--------------|------|---------|-----------------|---------|
| 4,678,244    | A *  | 7/1987  | Furuta et al.   | 305/175 |
| 5,308,155    | A *  | 5/1994  | Katoh           | 305/174 |
| 5,399,003    | A *  | 3/1995  | Katoh           | 305/171 |
| 5,403,643    | A *  | 4/1995  | Tsuru           | 428/120 |
| 5,522,654    | A *  | 6/1996  | Katoh           | 305/174 |
| 5,522,655    | A *  | 6/1996  | Katoh           | 305/174 |
| 5,997,110    | A *  | 12/1999 | Katoh et al.    | 305/169 |
| 6,106,083    | A *  | 8/2000  | Ono             | 305/171 |
| 7,413,268    | B2 * | 8/2008  | Kato et al.     | 305/172 |
| D587,728     | S *  | 3/2009  | Shimozono       | D15/28  |
| D588,167     | S *  | 3/2009  | Shimozono       | D15/28  |
| D588,168     | S *  | 3/2009  | Shimozono       | D15/28  |
| D618,255     | S *  | 6/2010  | Abiko           | D15/28  |
| 2003/0025391 | A1 * | 2/2003  | Ueno            | 305/157 |
| 2004/0075340 | A1 * | 4/2004  | Watanabe et al. | 305/177 |
| 2005/0001482 | A1 * | 1/2005  | Ueno            | 305/177 |
| 2005/0218722 | A1 * | 10/2005 | Kurokawa        | 305/171 |
| 2006/0061212 | A1 * | 3/2006  | Uchiyama        | 305/167 |

|              |      |         |              |         |
|--------------|------|---------|--------------|---------|
| 2006/0163944 | A1 * | 7/2006  | Tsuru et al. | 305/165 |
| 2006/0279138 | A1 * | 12/2006 | Kato et al.  | 305/177 |
| 2008/0129111 | A1 * | 6/2008  | Pringiers    | 305/171 |

**FOREIGN PATENT DOCUMENTS**

|    |           |   |         |
|----|-----------|---|---------|
| JP | 000923494 | S | 4/1995  |
| JP | 001041597 | S | 6/1999  |
| JP | 001255324 | S | 11/2005 |
| JP | 001331102 | S | 5/2008  |
| JP | 001331103 | S | 5/2008  |

**OTHER PUBLICATIONS**

Japanese Design Gazette dated Dec. 12, 2011 issued in the counter-  
part Japanese Design Application No. D2011-8635.

\* cited by examiner

*Primary Examiner* — Mark Goodwin

(74) *Attorney, Agent, or Firm* — Sughrue Mion, PLLC

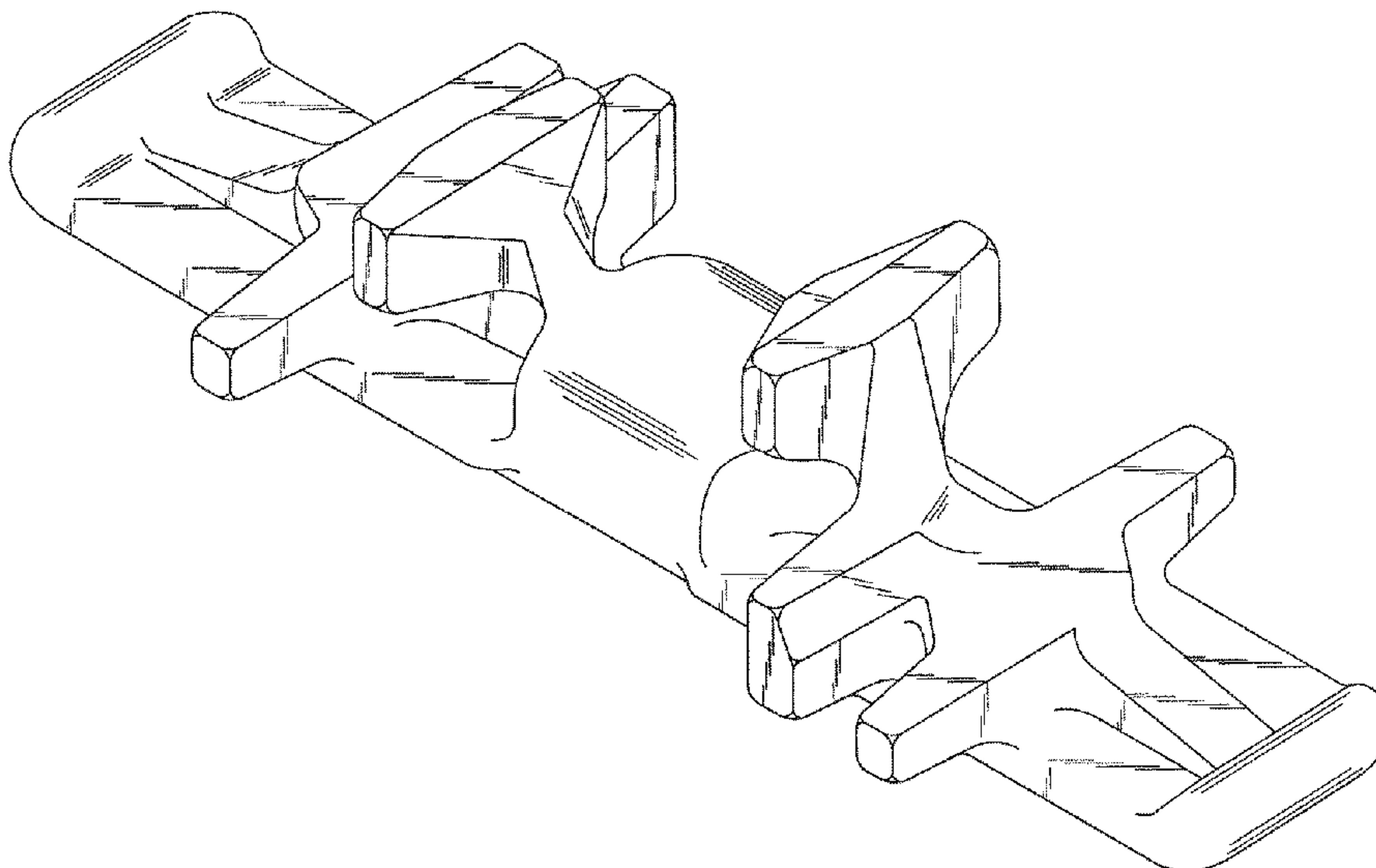
(57) **CLAIM**

The ornamental design for a metallic core of rubber crawler,  
as shown and described.

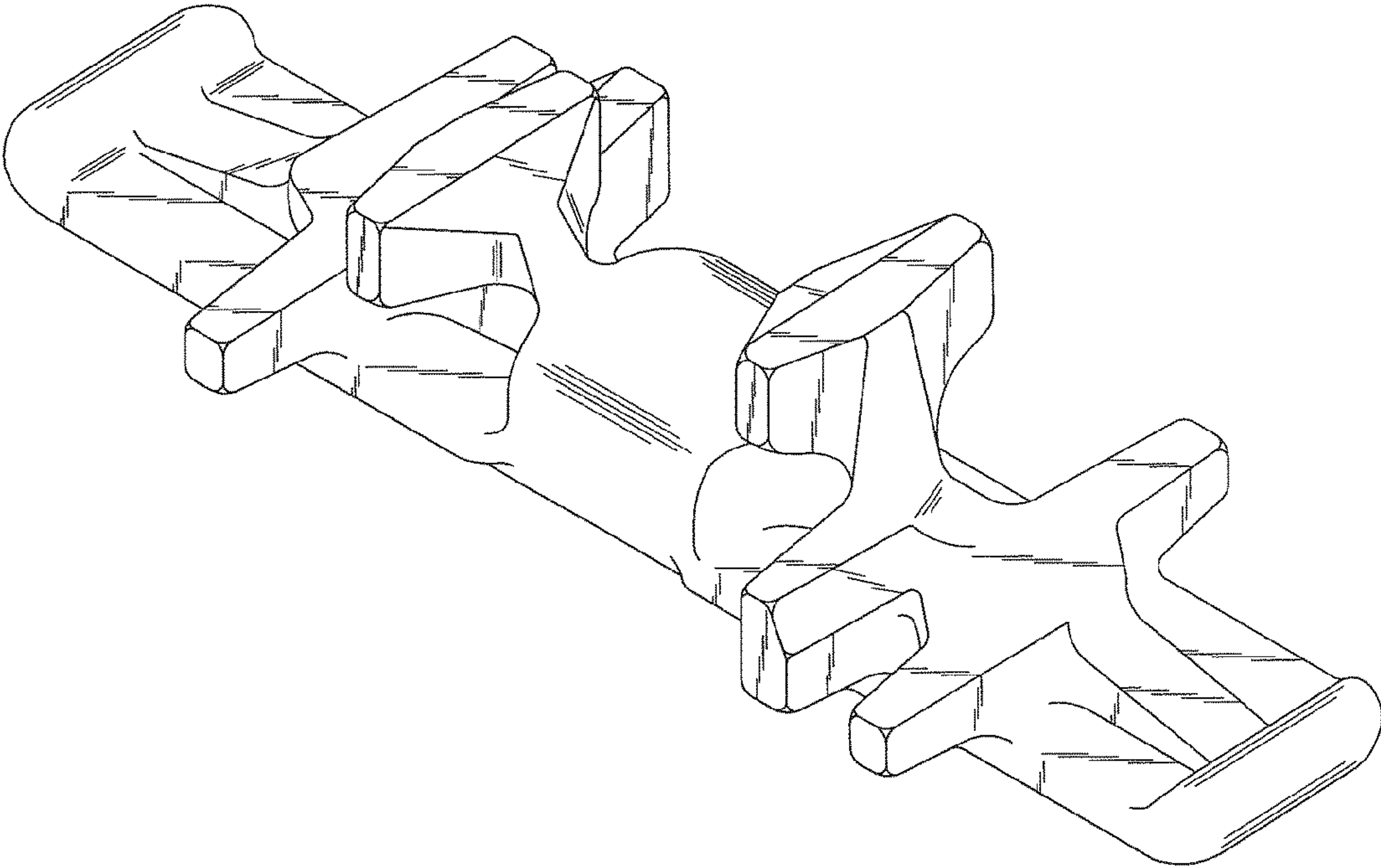
**DESCRIPTION**

FIG. 1 is a perspective view of a metallic core of rubber  
crawler showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a plane view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a left side view thereof;  
FIG. 7 is a right side view thereof;  
FIG. 8 is a central longitudinal sectional view taken along the  
line 8-8 in FIG. 4 thereof;  
FIG. 9 is a central longitudinal sectional view taken along the  
line 9-9 in FIG. 4 thereof; and,  
FIG. 10 is a central longitudinal sectional view taken along  
the line 10-10 in FIG. 4.

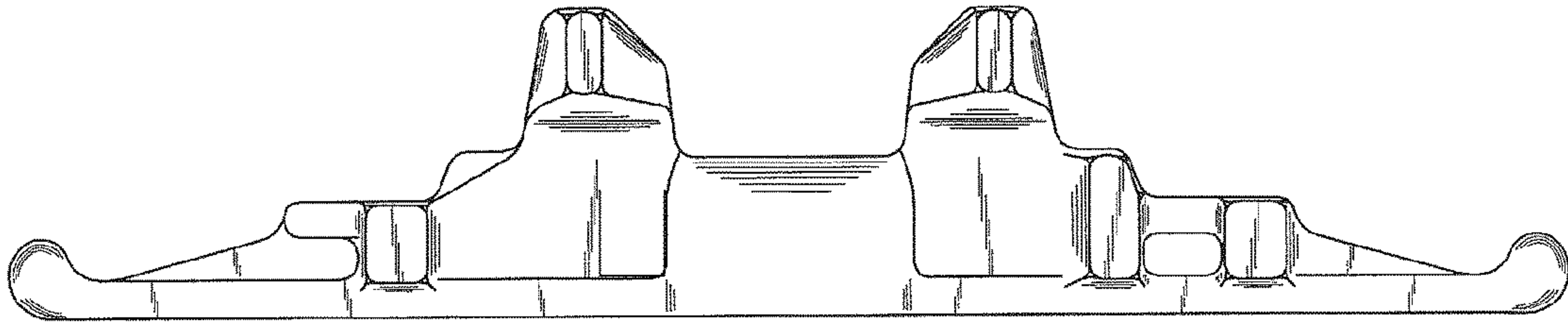
**1 Claim, 10 Drawing Sheets**



*FIG. 1*



*FIG. 2*



*FIG. 3*

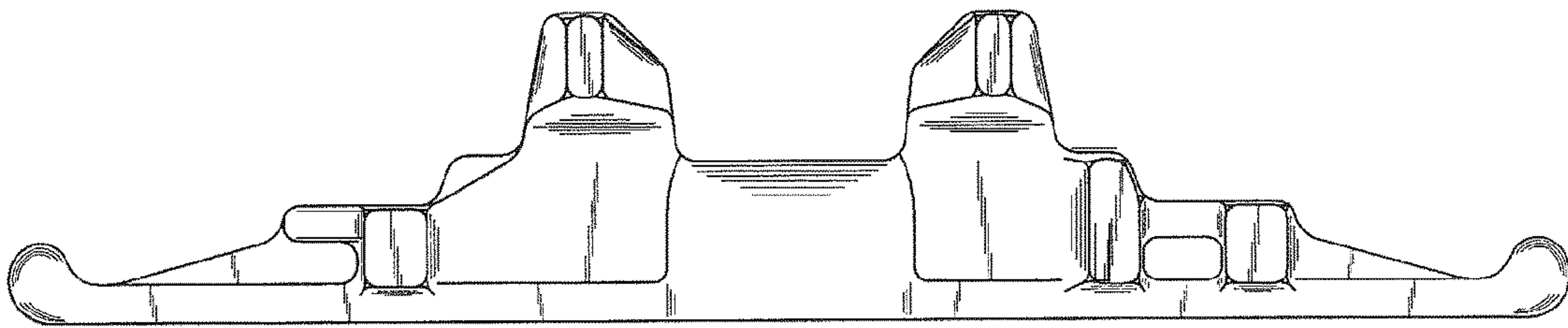
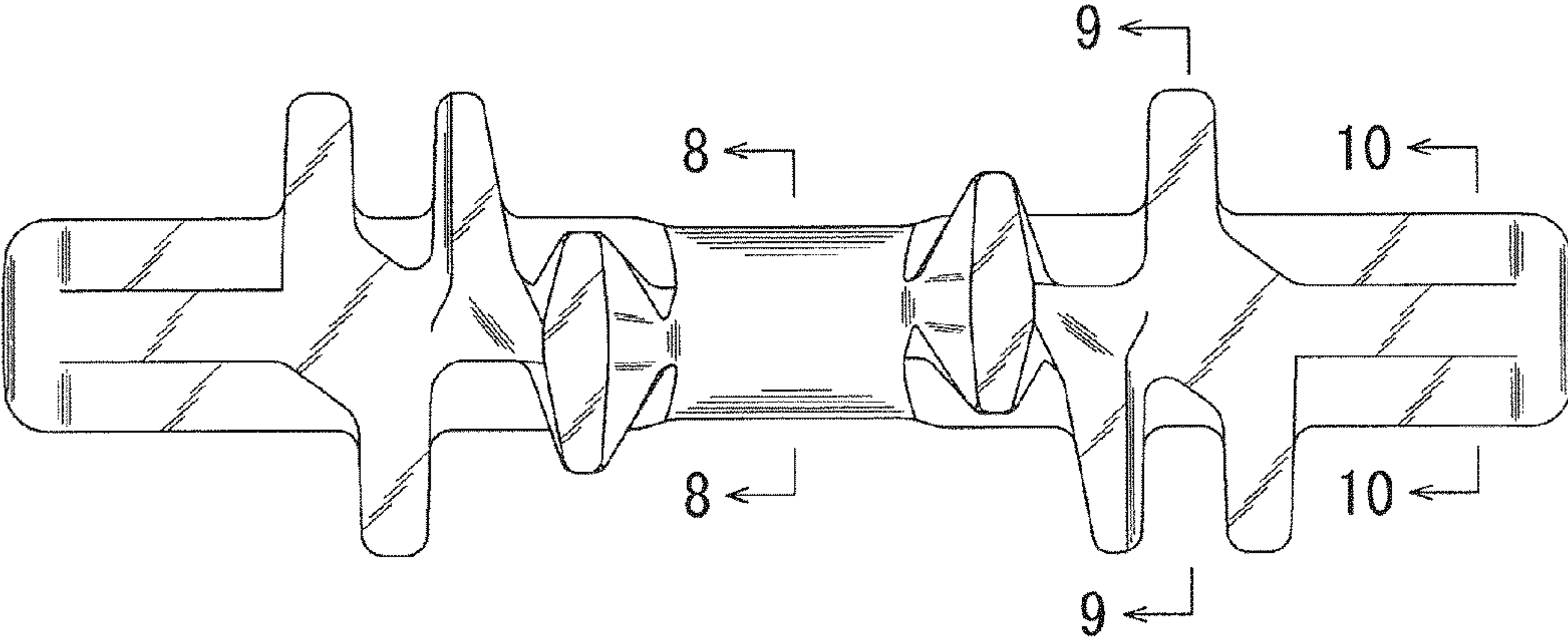
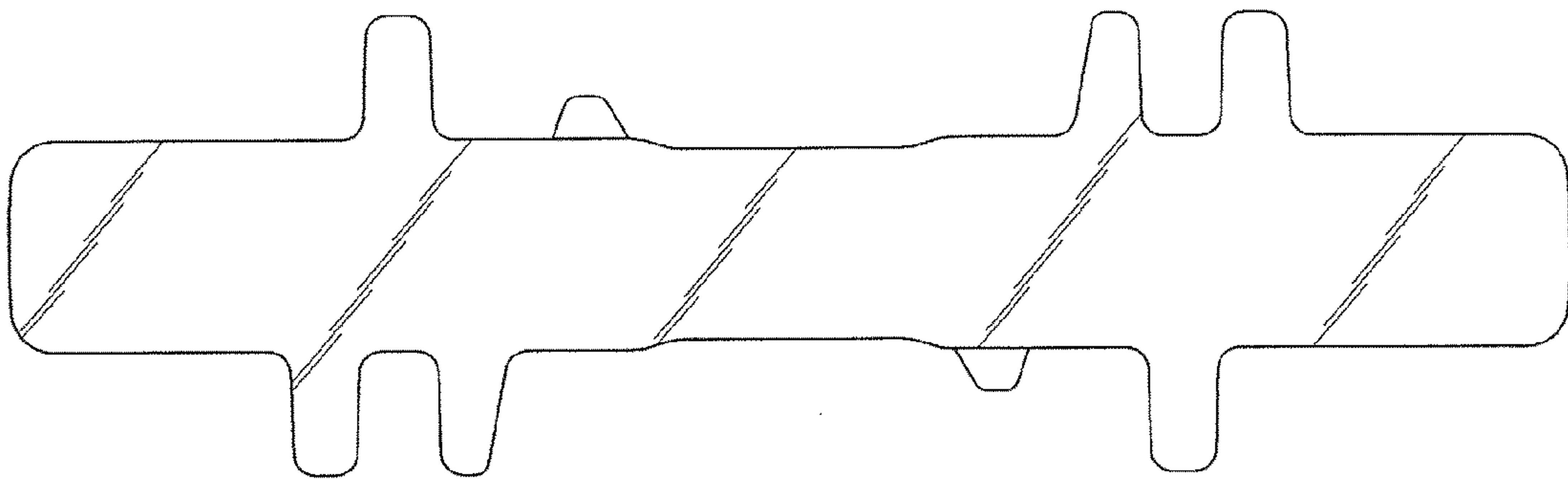


FIG. 4

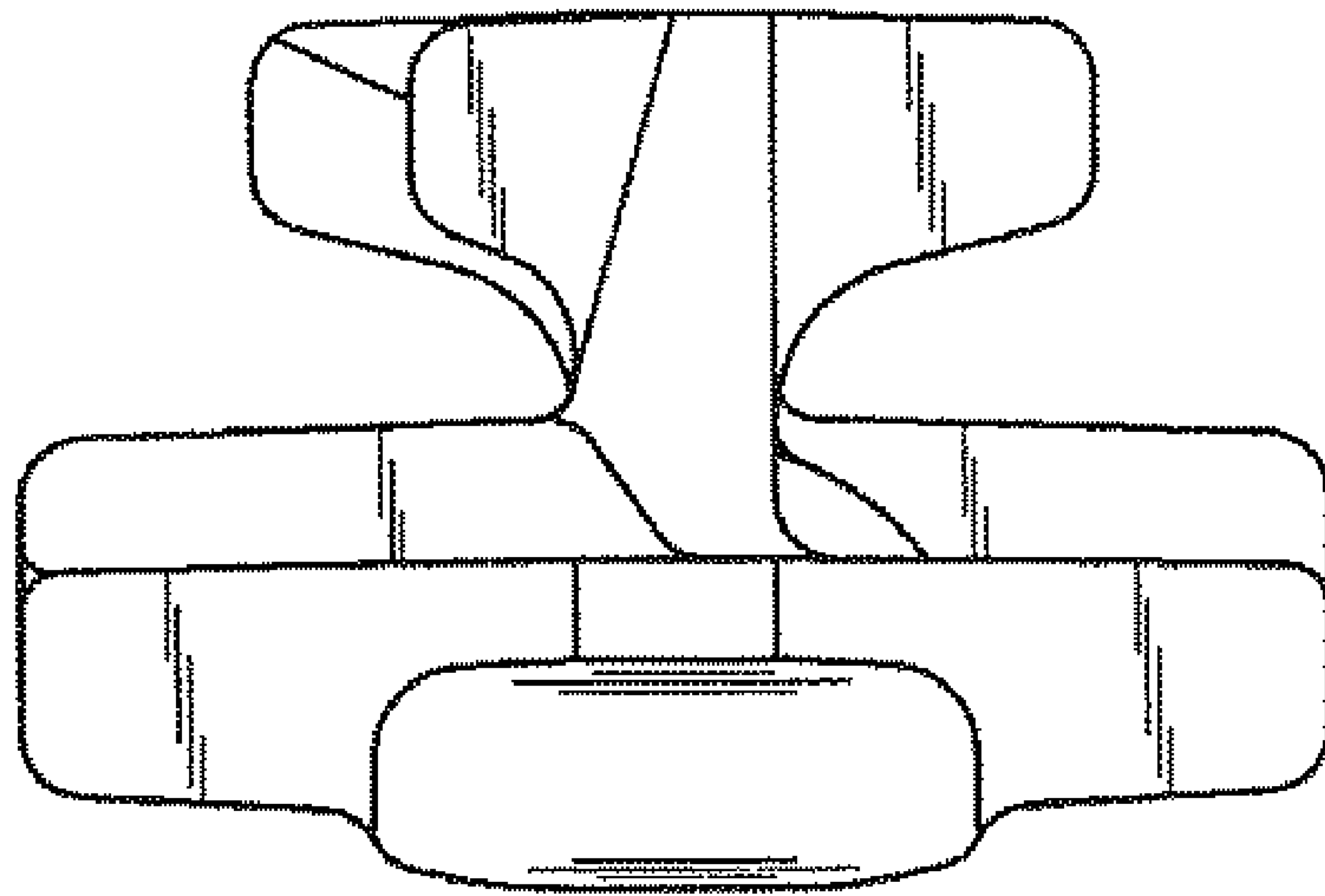


*FIG. 5*

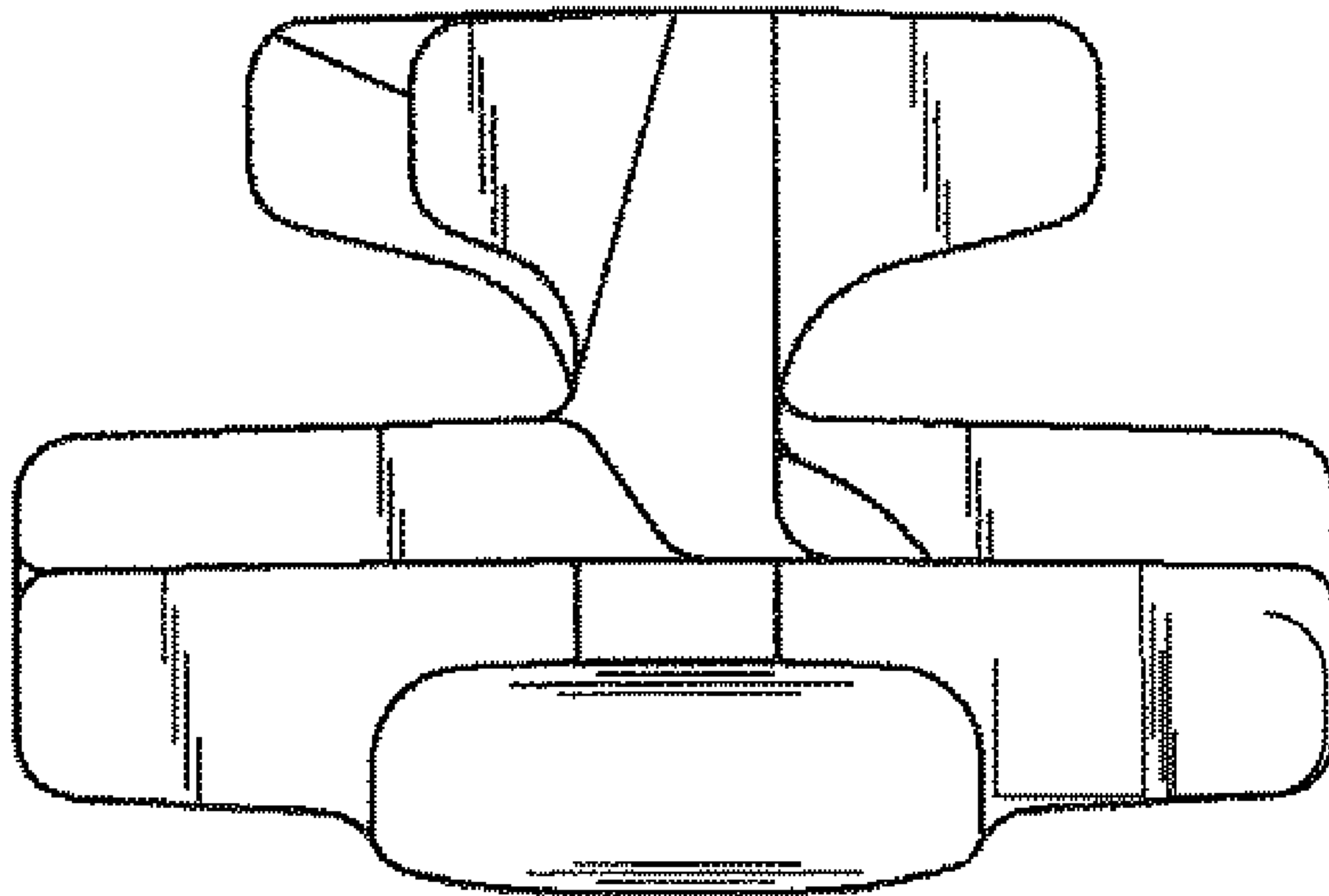




*FIG. 6*

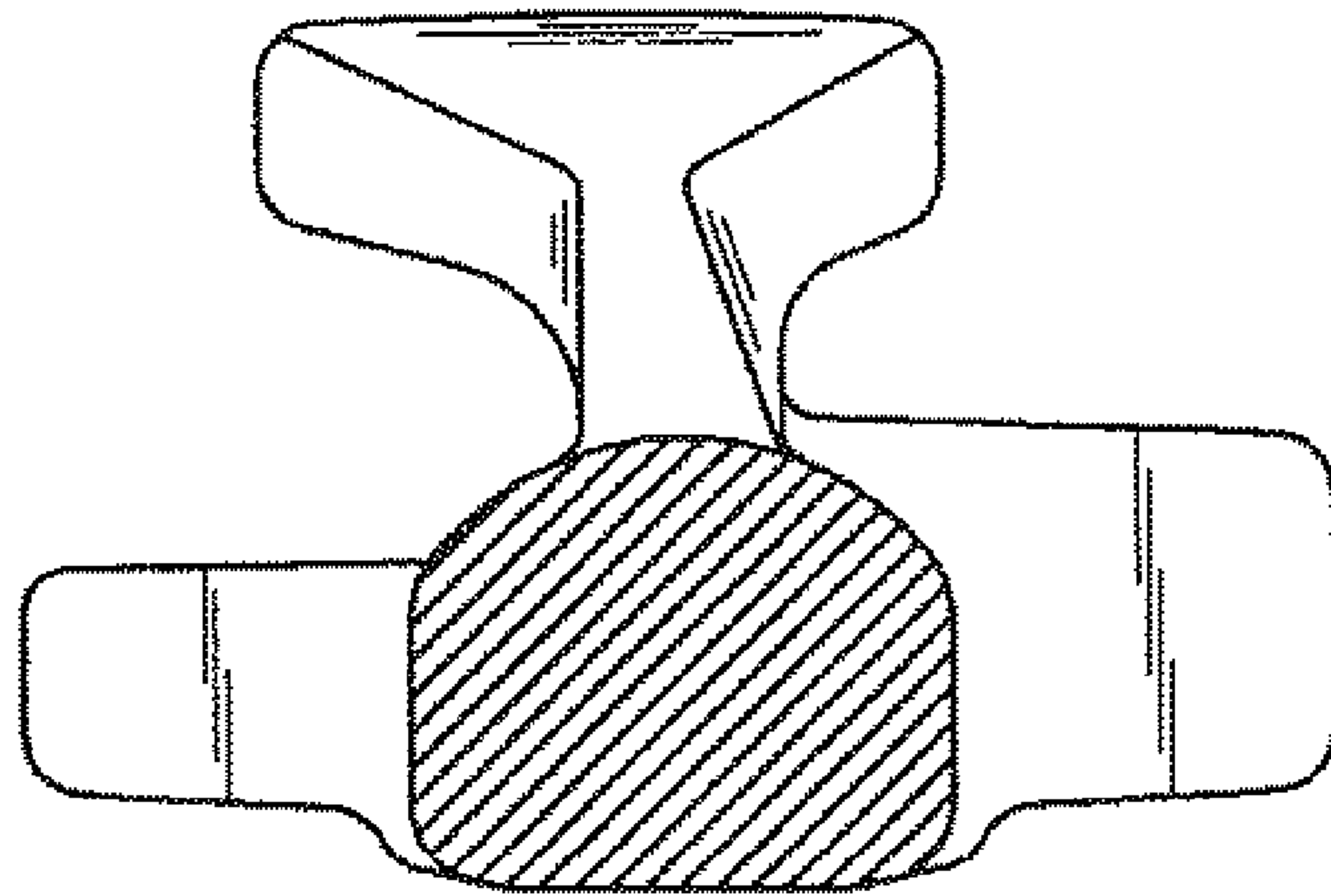


*FIG. 7*

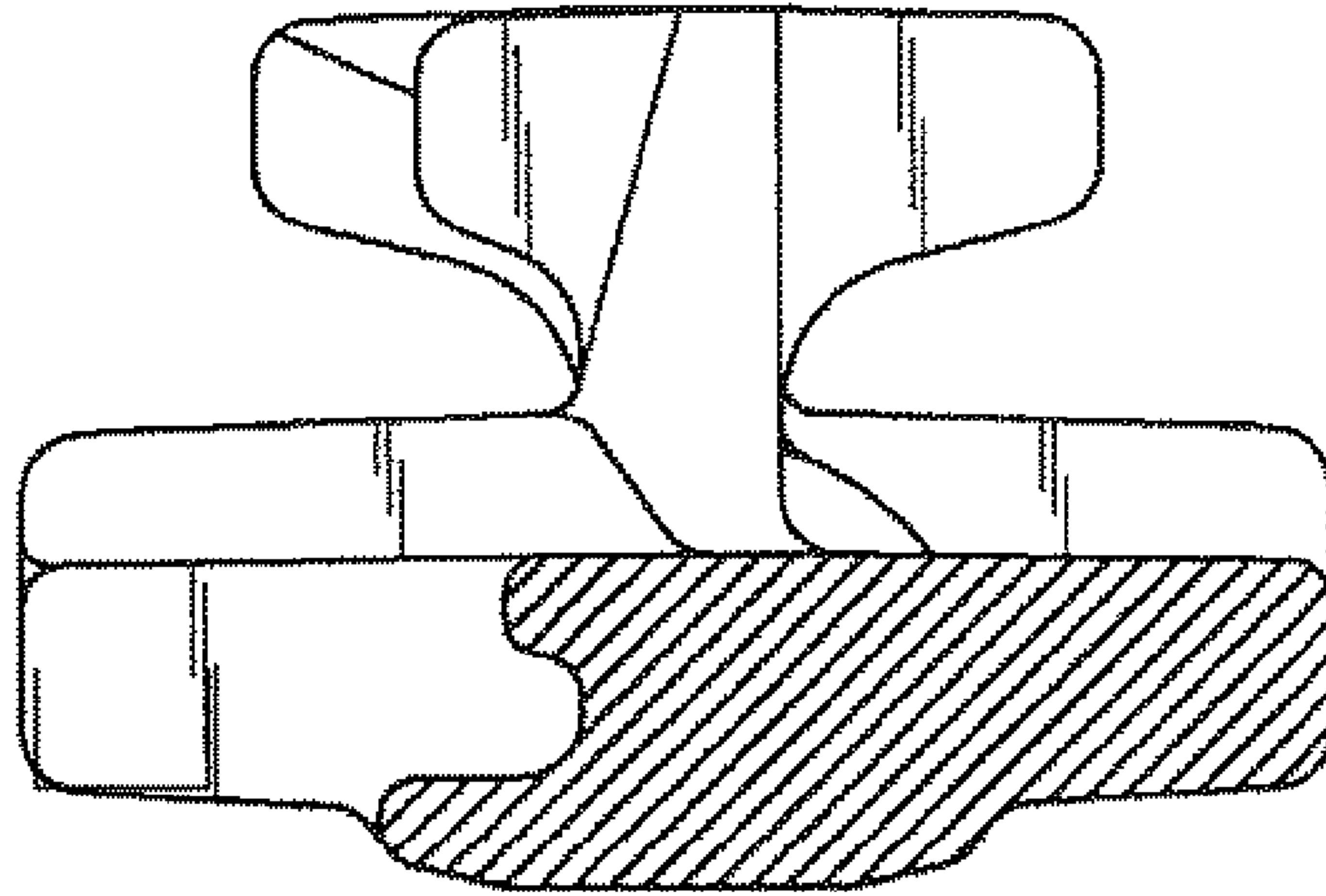




*FIG. 8*



*FIG. 9*



*FIG. 10*

