



US00D347164S

United States Patent [19]

[11] Patent Number: **Des. 347,164**

Wodka

[45] Date of Patent: **** May 24, 1994**

- [54] **POLE CLIP FOR WIRES OR TUBING**
- [75] Inventor: **Michael A. Wodka, Ann Arbor, Mich.**
- [73] Assignee: **Minnesota Mining and Manufacturing Company, St. Paul, Minn.**
- [**] Term: **14 Years**
- [21] Appl. No.: **907,208**
- [22] Filed: **Jul. 1, 1992**
- [52] U.S. Cl. **D8/395; D8/396**
- [58] Field of Search **D8/395; 396; 24/530, 24/545, 546, 547, 336, 339; 248/68.1, 74.1, 74.2, 73, 218.4, 219.3, 229, 230, 231.8**

- 4,707,906 11/1987 Posey 248/74.2
- 4,715,571 12/1987 Soltow et al. 248/68.1
- 4,864,697 9/1989 Sparks et al. 24/336
- 4,896,465 1/1990 Rhodes et al. 51/391
- 4,958,791 9/1990 Nakamura 248/74.1
- 5,005,793 4/1991 Shillington 248/229

FOREIGN PATENT DOCUMENTS

1566861 5/1969 France .

OTHER PUBLICATIONS

- Sarns 9000 Perfusion System "Touch the Vision" brochure ©1988.
- Sarns "Touch and Record Information System" brochure ©1989.
- Sarns MDX System "Quality and Reliability in a Modular System" brochure ©1990.
- Sarns TCM II brochure ©1989.

Primary Examiner—B. J. Bullock
Attorney, Agent, or Firm—Gary L. Griswold; Walter N. Kirn; Stephen W. Bauer

[56] References Cited

U.S. PATENT DOCUMENTS

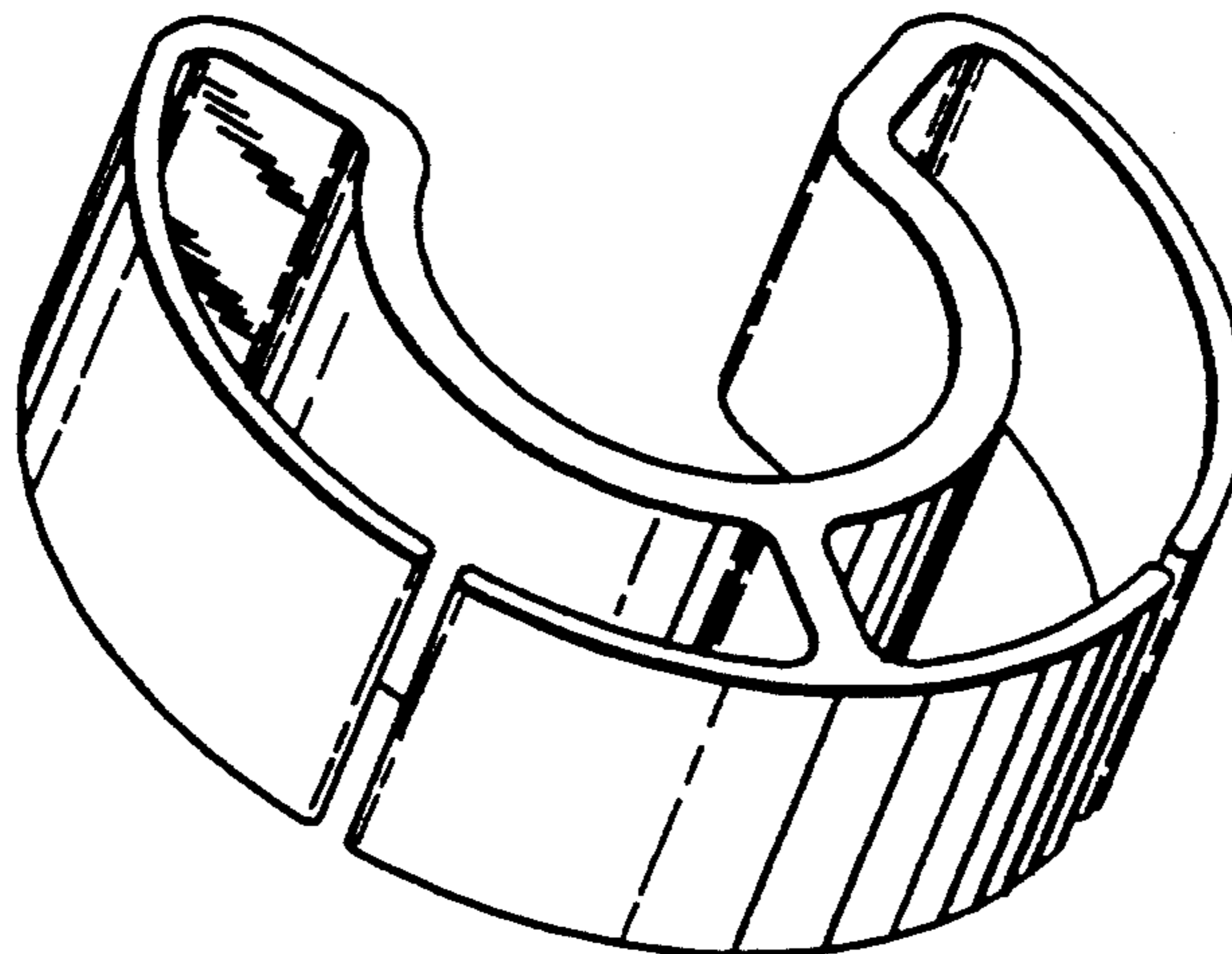
- | | | | |
|------------|---------|-------------------|-----------|
| D. 270,329 | 8/1983 | Hardy | D8/395 |
| 1,816,301 | 7/1931 | Sundell | 24/339 |
| 2,372,683 | 4/1945 | Robertson | 248/74 |
| 2,696,963 | 12/1954 | Shepherd | 248/229 |
| 3,090,826 | 5/1963 | Cochran | 174/158 |
| 3,136,515 | 6/1964 | Potruch | 248/62 |
| 3,251,069 | 5/1966 | Clark | 4/110 |
| 3,322,381 | 5/1967 | Bubb | 248/121 |
| 3,521,332 | 7/1970 | Kramer | 24/81 |
| 3,594,682 | 7/1971 | Oleson | 339/14 |
| 3,778,537 | 12/1973 | Miller | 174/138 |
| 3,797,792 | 3/1974 | Huber | 248/229 |
| 3,853,021 | 12/1974 | Hayes | 24/546 |
| 4,406,042 | 9/1983 | McPhee | 24/130 |
| 4,511,164 | 4/1985 | Orchard | D8/395 |
| 4,673,153 | 6/1987 | Hilty et al. | 248/231.8 |

[57] CLAIM

The ornamental design for a pole clip for wires or tubing, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a pole clip for wires or tubing showing my new design;
 FIG. 2 is a front view thereof;
 FIG. 3 is a rear view thereof;
 FIG. 4 is a top view thereof;
 FIG. 5 is a bottom view thereof;
 FIG. 6 is a right side view thereof; and,
 FIG. 7 is a left side view thereof.



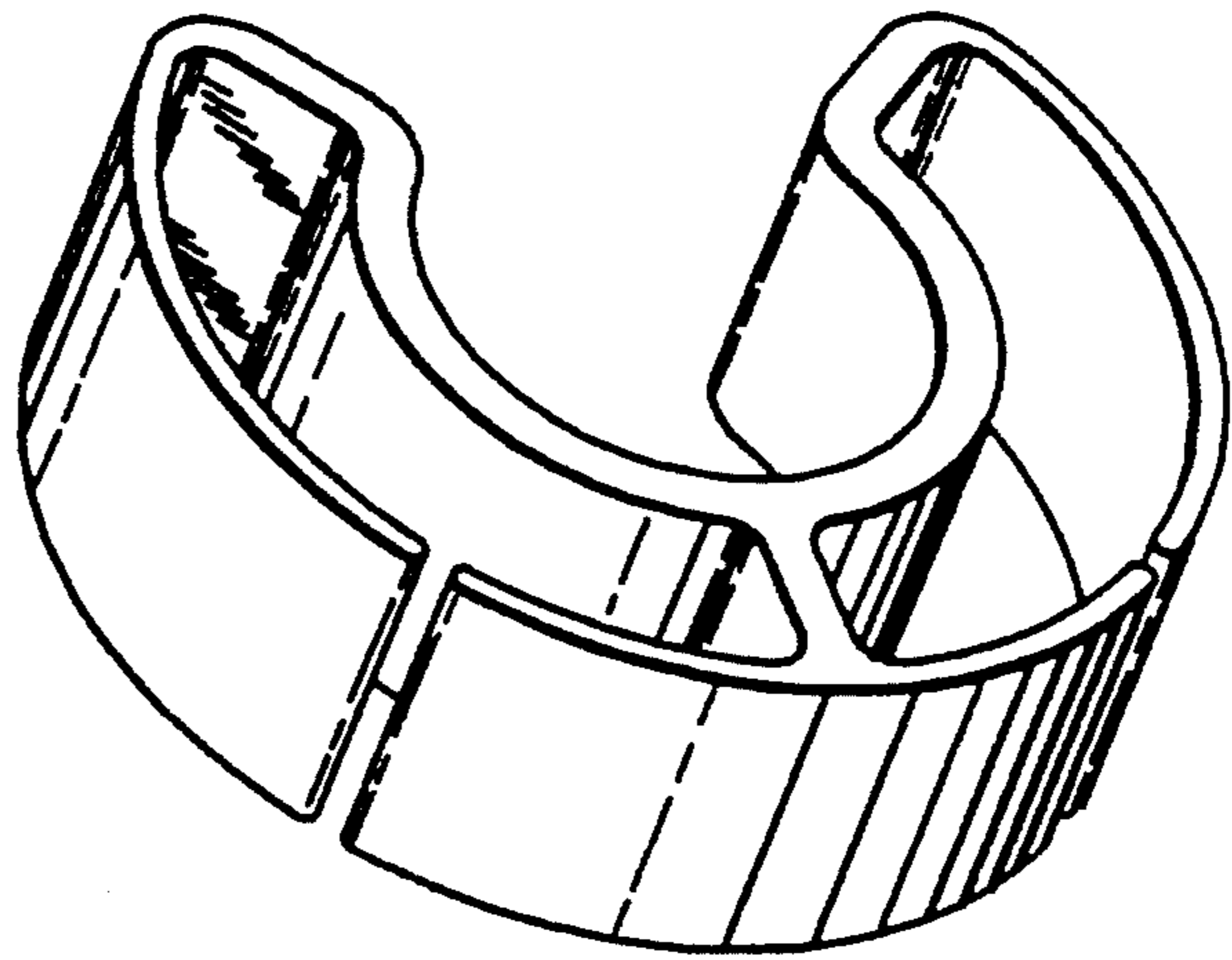


Fig. 1

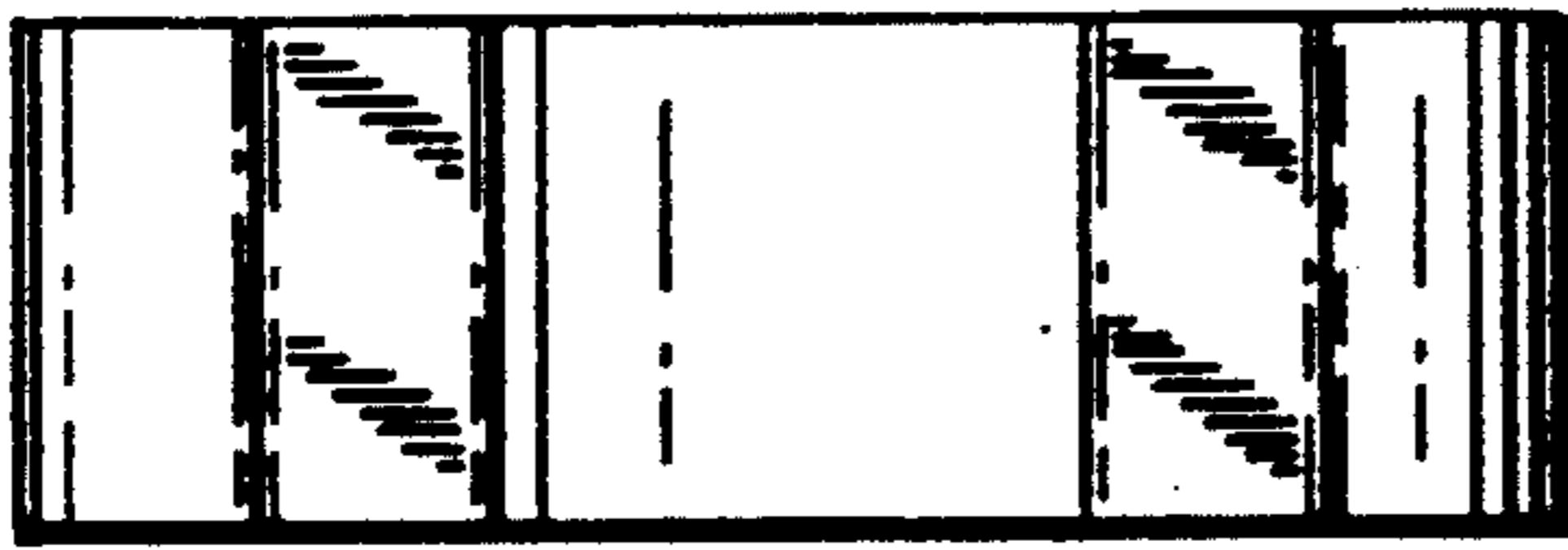


Fig. 3

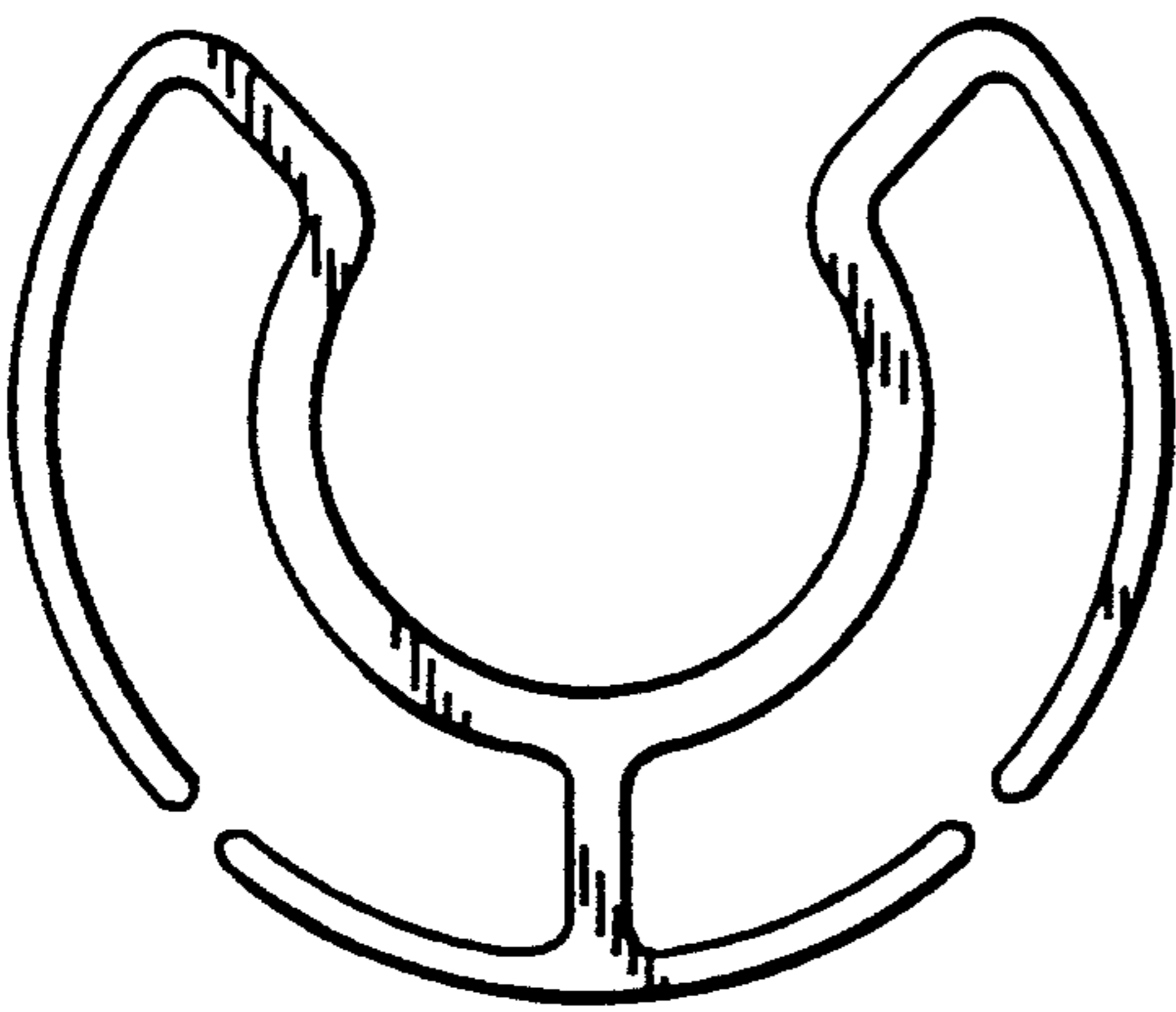


Fig. 4

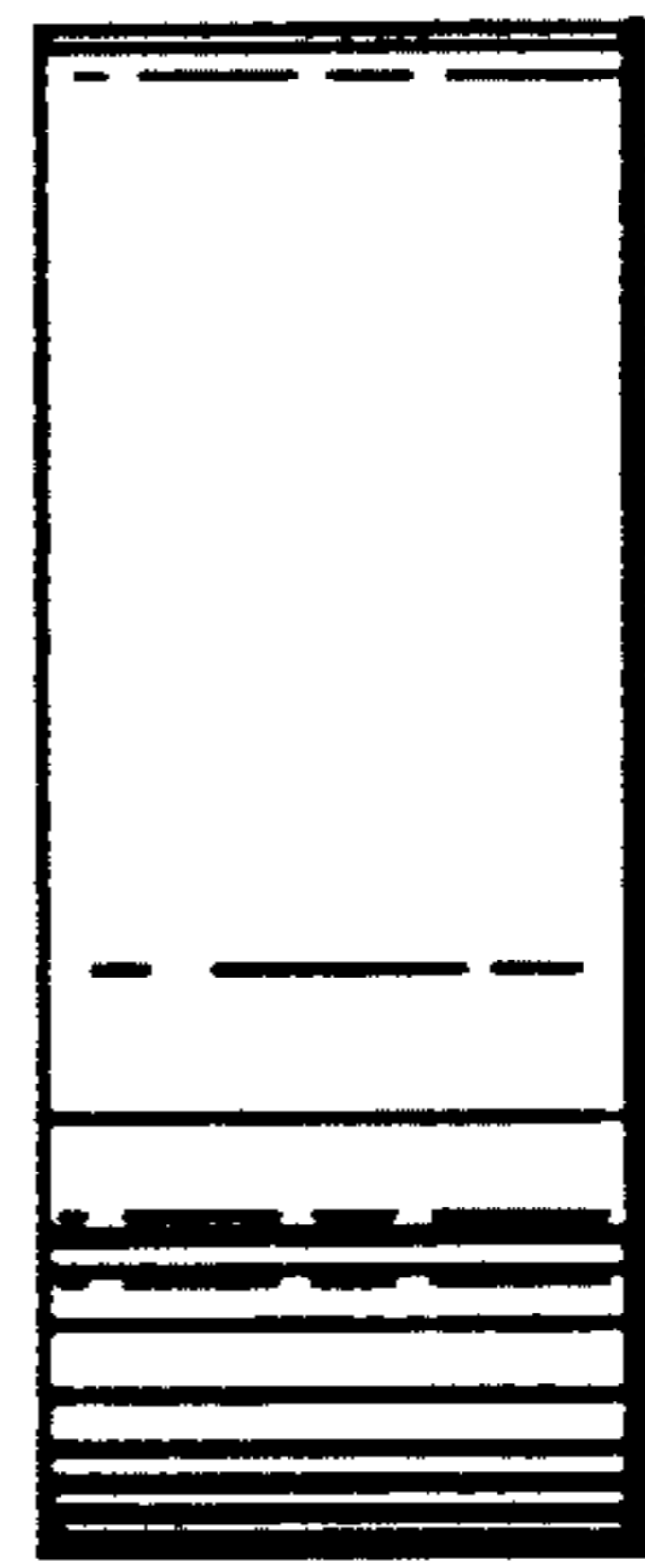


Fig. 6

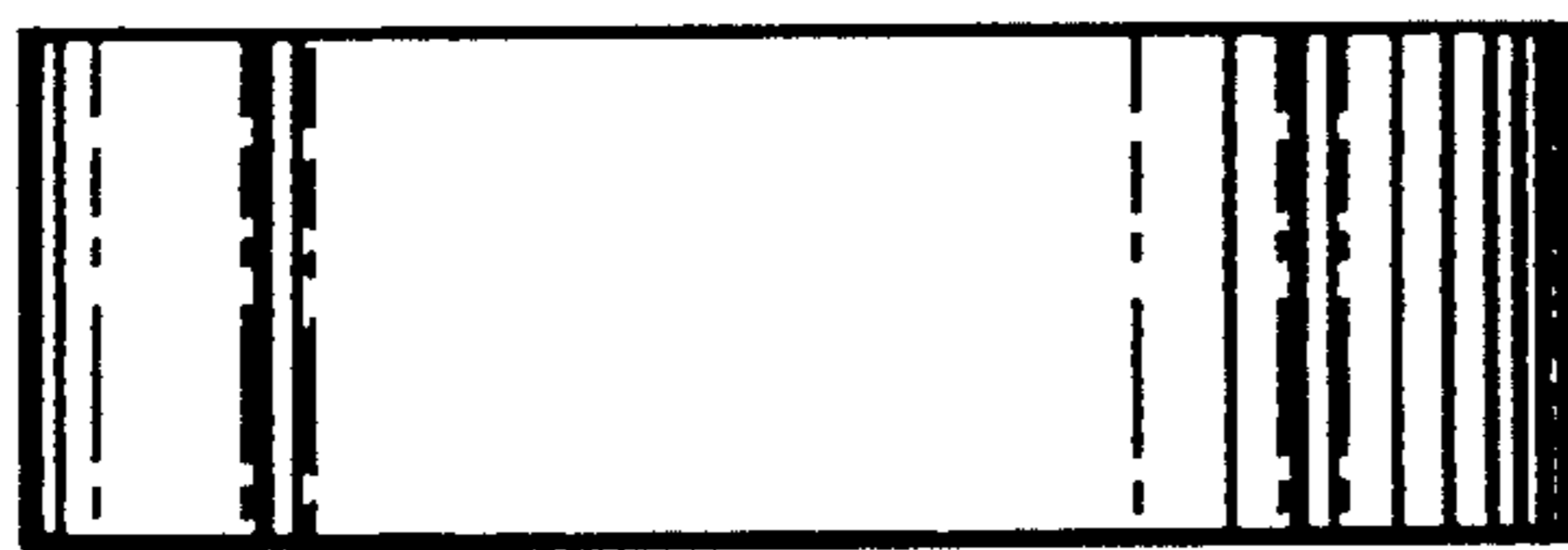


Fig. 2

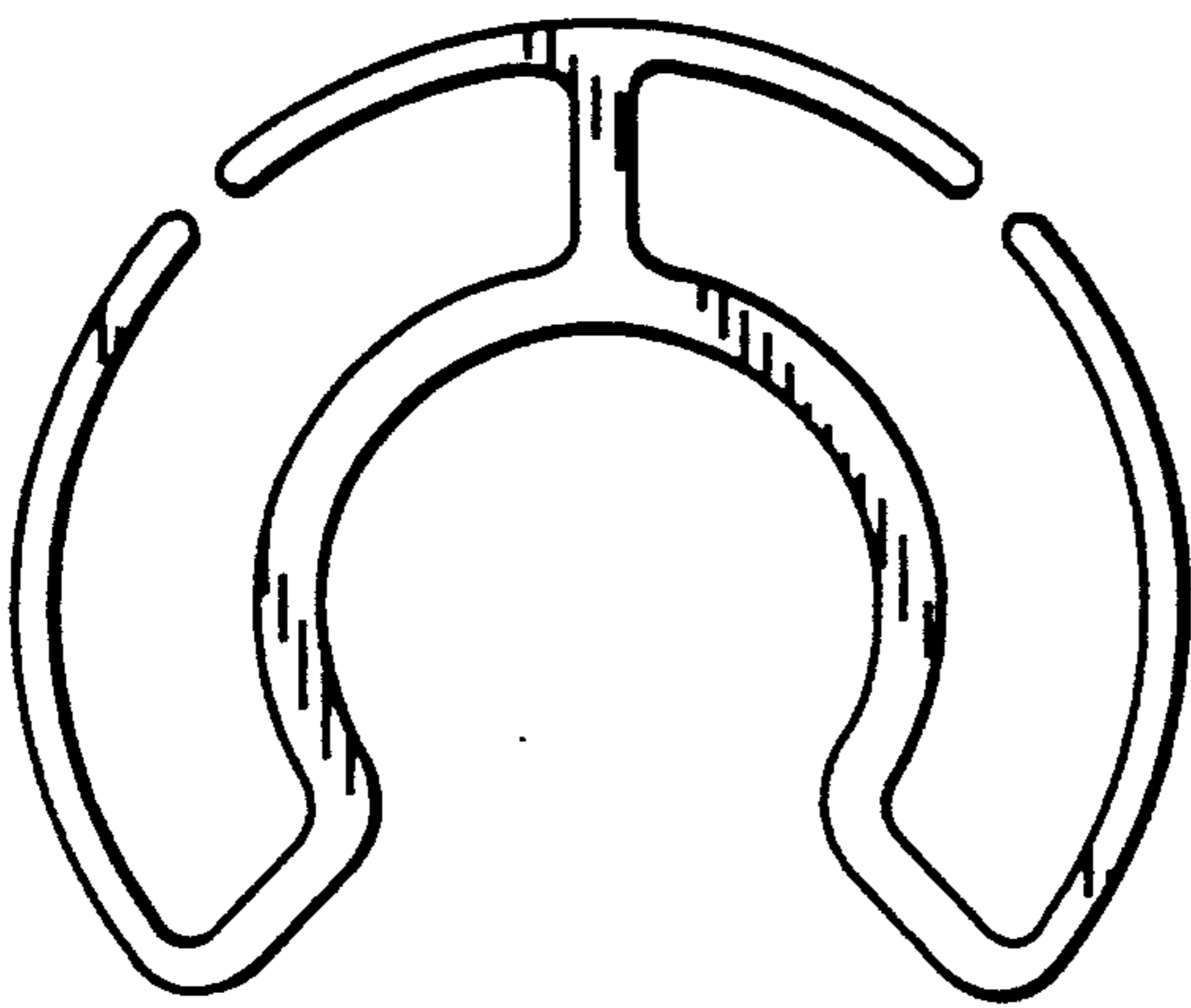


Fig. 5

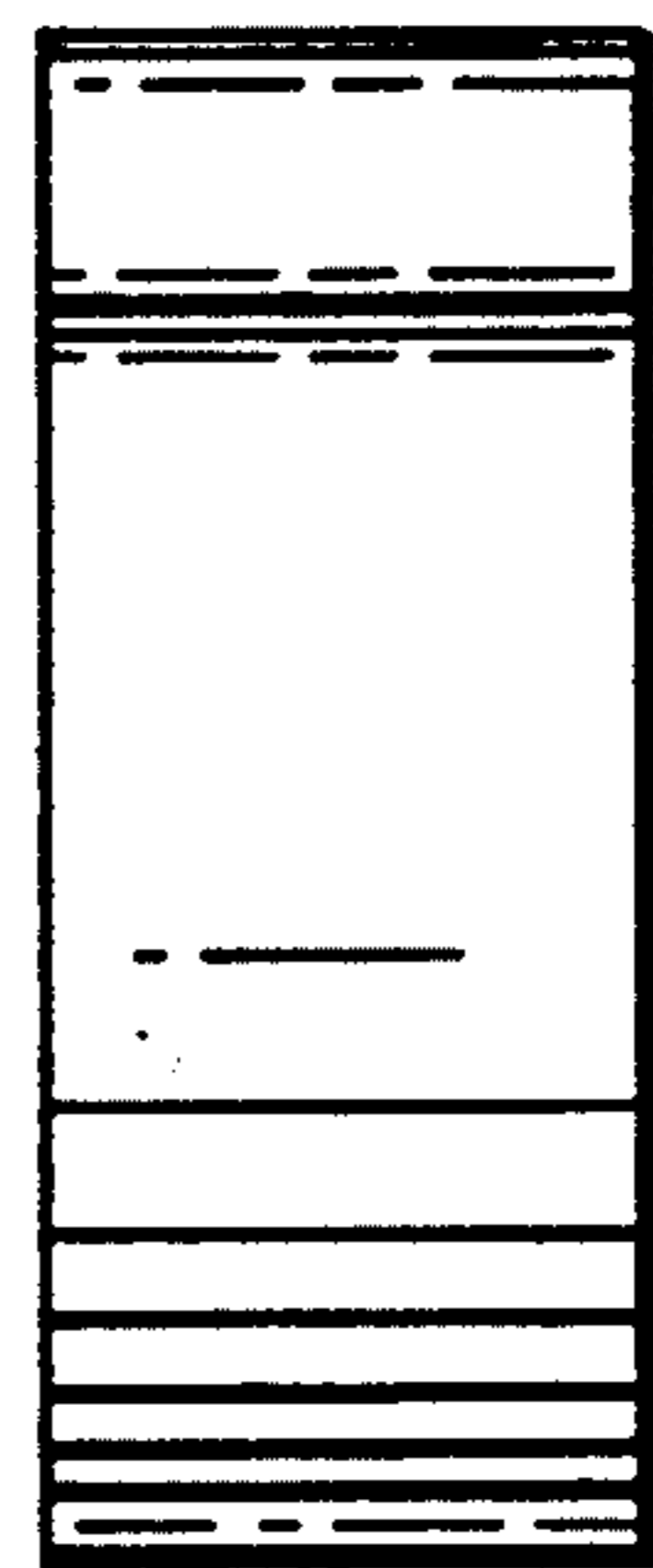


Fig. 7