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

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(54) **BRAKE SPIDER FOR TRAILERS**

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

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(51) **LOC (9) Cl.** **12-16**

(52) **U.S. Cl.** **D12/180**

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D8/394, 382, 349; D23/249; 411/431, 999,
411/102, 910, 429, 90, 92, 93, 95; D12/180,
D12/174, 400; 475/235; 188/206 A, 330;
301/130

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | | |
|-----------|------|---------|-------------------|-------|------------|
| 1,358,532 | A * | 11/1920 | Dove | ..... | 301/130 |
| D199,620 | S * | 11/1964 | Kay | ..... | D12/180 |
| 3,385,405 | A * | 5/1968 | Cullen | ..... | 188/206 A |
| 3,493,026 | A * | 2/1970 | Stotler et al. | ..... | 411/120 |
| 4,284,114 | A * | 8/1981 | Korenobu | ..... | 411/119 |
| 4,337,851 | A * | 7/1982 | Pringle | ..... | 188/330 |
| 4,734,001 | A * | 3/1988 | Bennett | ..... | 411/119 |
| 4,735,533 | A * | 4/1988 | Gallagher et al. | ..... | 411/119 |
| 4,809,820 | A * | 3/1989 | Smith | ..... | 188/79.55 |
| D305,927 | S * | 2/1990 | Linderman et al. | ..... | D23/249 |
| 5,054,586 | A * | 10/1991 | Nordine | ..... | 188/79.55 |
| 5,069,315 | A * | 12/1991 | VanWeelden et al. | .... | 188/79.55 |
| D382,470 | S * | 8/1997 | Lu | ..... | D23/394 |
| 6,131,710 | A * | 10/2000 | Power | ..... | 188/330 |
| 6,360,859 | B1 * | 3/2002 | Angerfors | ..... | 188/330 |
| 6,398,312 | B1 * | 6/2002 | Marczynski et al. | ... | 301/35.622 |
| D466,846 | S * | 12/2002 | Krivenkoff | ..... | D12/180 |
| 6,595,597 | B2 * | 7/2003 | Marczynski et al. | ... | 301/37.374 |
| 6,796,907 | B2 * | 9/2004 | McGuire et al. | ..... | 470/23 |

| | | | | | |
|--------------|------|---------|--------------|-------|-----------|
| D528,951 | S * | 9/2006 | Oben | ..... | D12/180 |
| D595,627 | S * | 7/2009 | Danielsson | ..... | D12/180 |
| 2002/0033315 | A1 * | 3/2002 | Yamane | ..... | 192/107 M |
| 2006/0170279 | A1 * | 8/2006 | Ebert | ..... | 301/130 |
| 2006/0225974 | A1 * | 10/2006 | Inada et al. | ..... | 188/206 A |
| 2009/0060677 | A1 * | 3/2009 | Adams | | 411/431 |

FOREIGN PATENT DOCUMENTS

EP 0064215 * 11/1982

* cited by examiner

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(57) **CLAIM**

The ornamental design for a brake spider for trailers, as shown.

DESCRIPTION

FIG. 1 is a perspective view of a brake spider for trailers according to the present invention;

FIG. 2 is a front, elevational view of a brake spider for trailers according to the present invention;

FIG. 3 is a top, plan view of a brake spider for trailers according to the present invention;

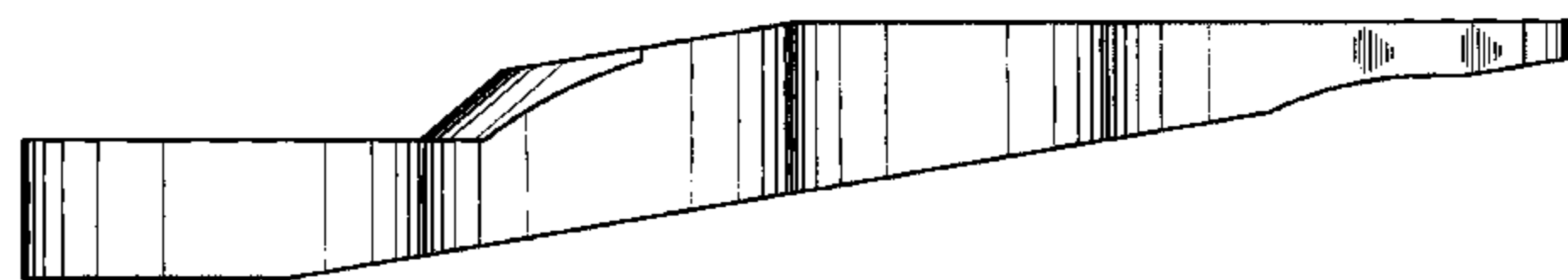
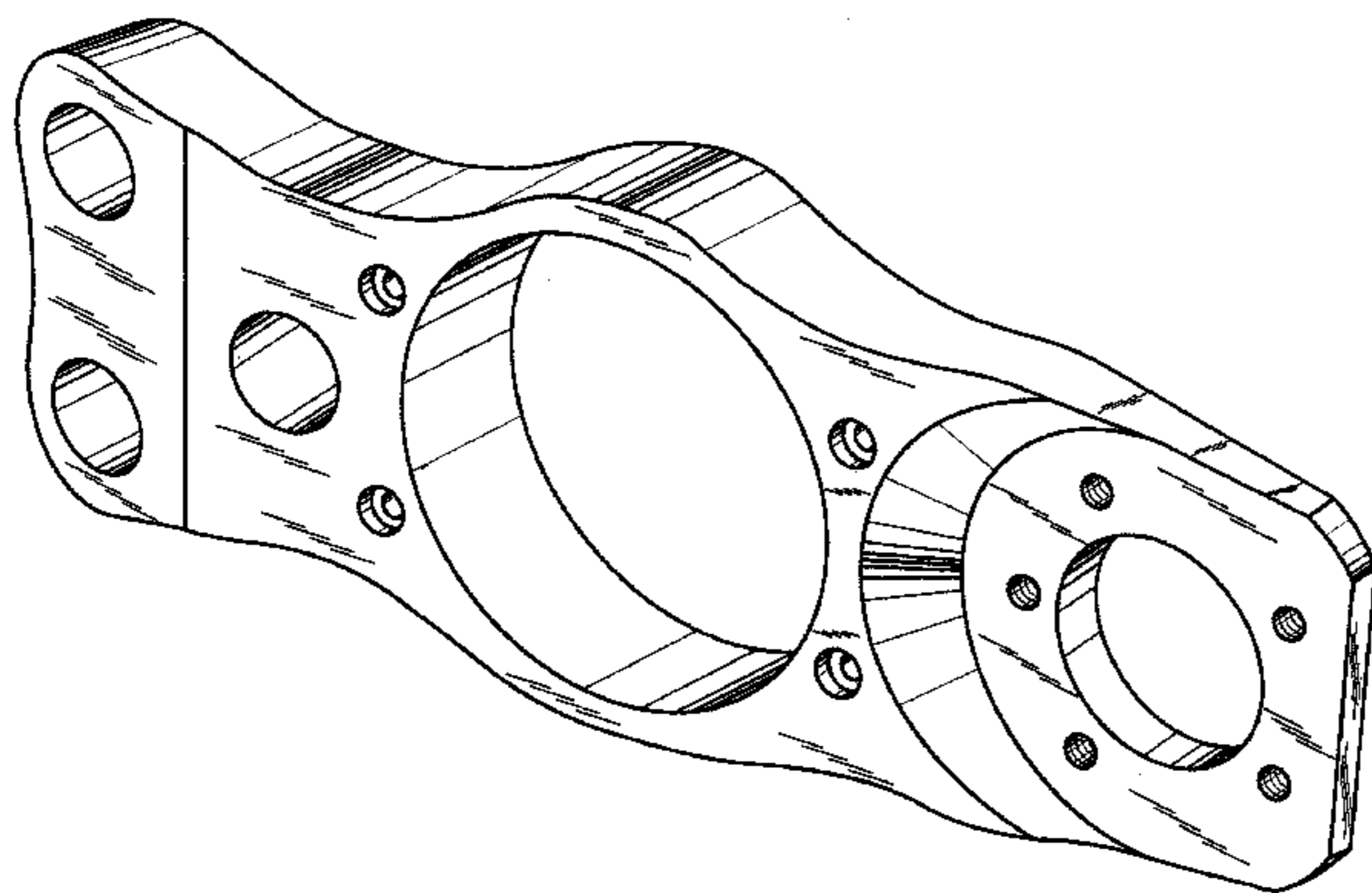
FIG. 4 is a bottom, plan view of a brake spider for trailers according to the present invention;

FIG. 5 is a rear, elevational view of a brake spider for trailers according to the present invention;

FIG. 6 is a left side, elevational view of a brake spider for trailers according to the present invention; and,

FIG. 7 is a right side, elevational view of a brake spider for trailers according to the present invention.

1 Claim, 5 Drawing Sheets



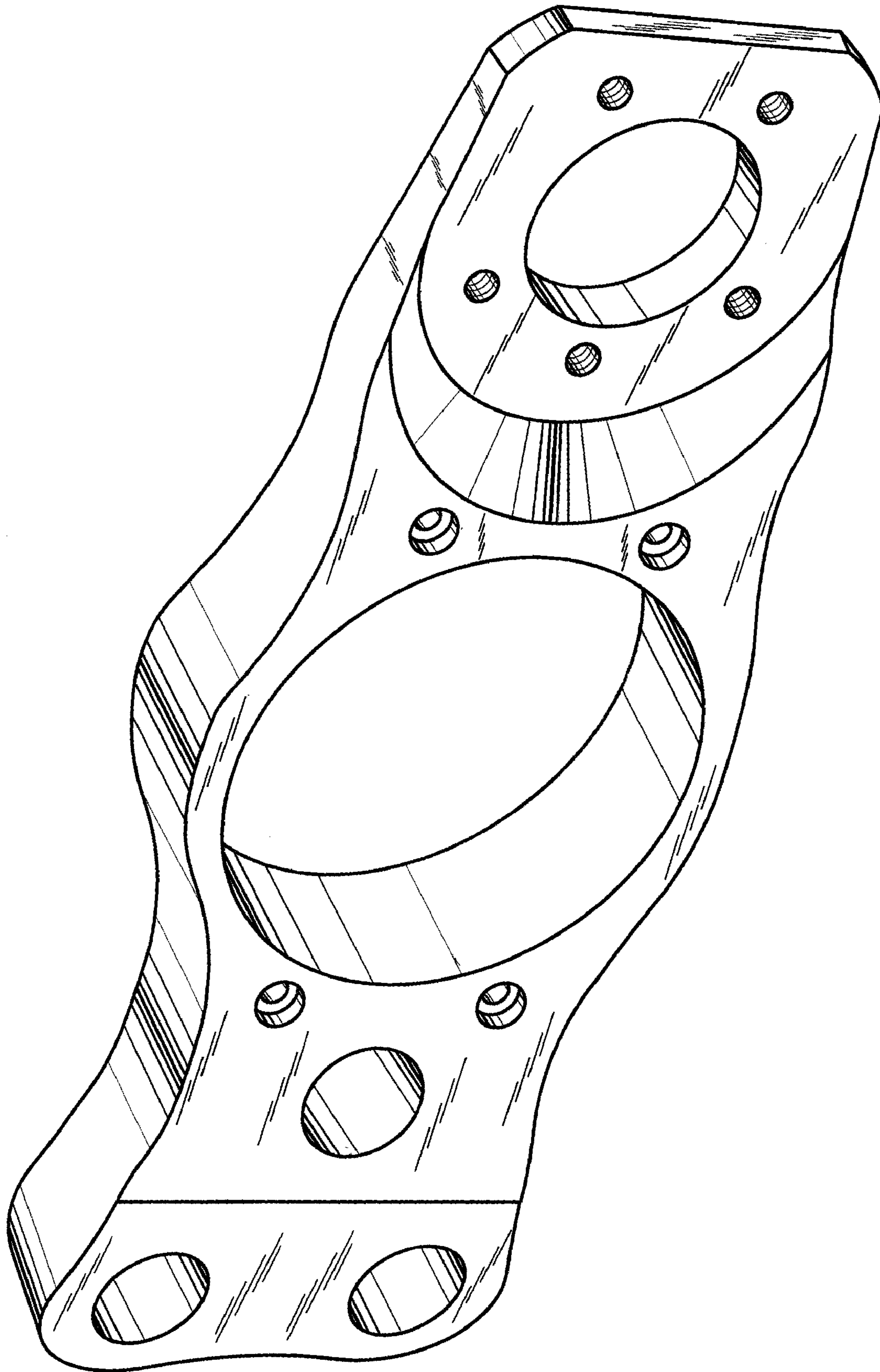


FIG. 1

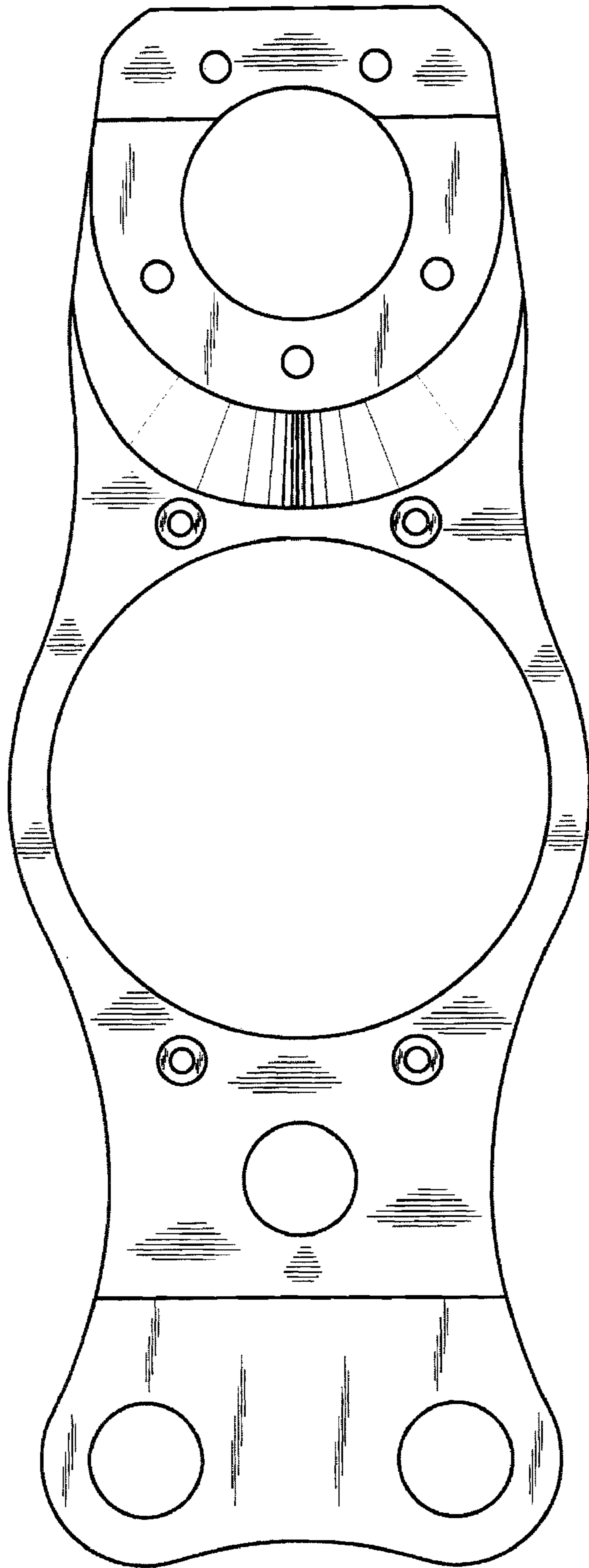


FIG. 2

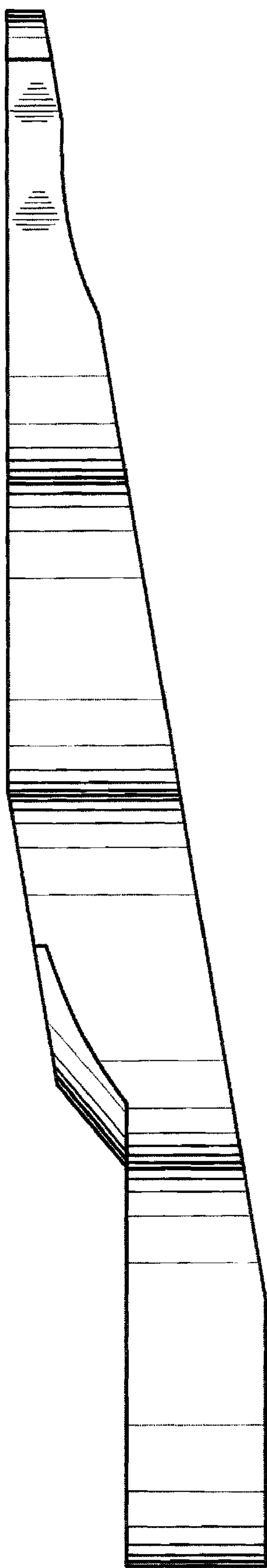


FIG. 3

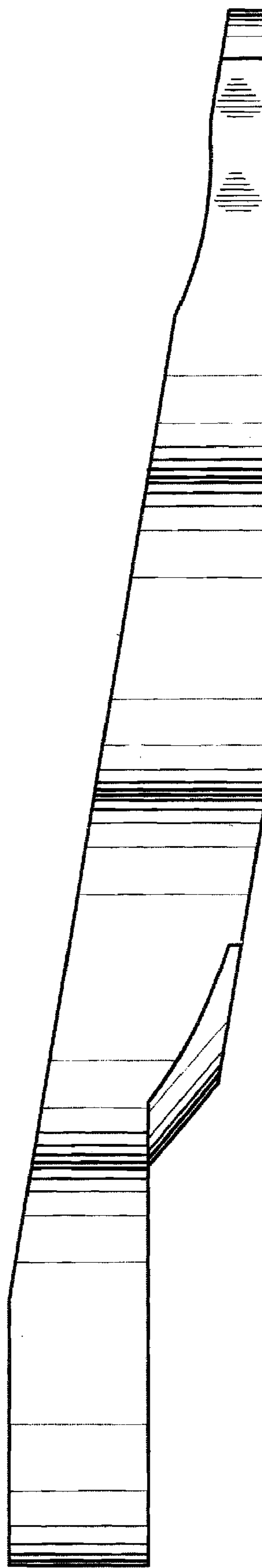


FIG. 4

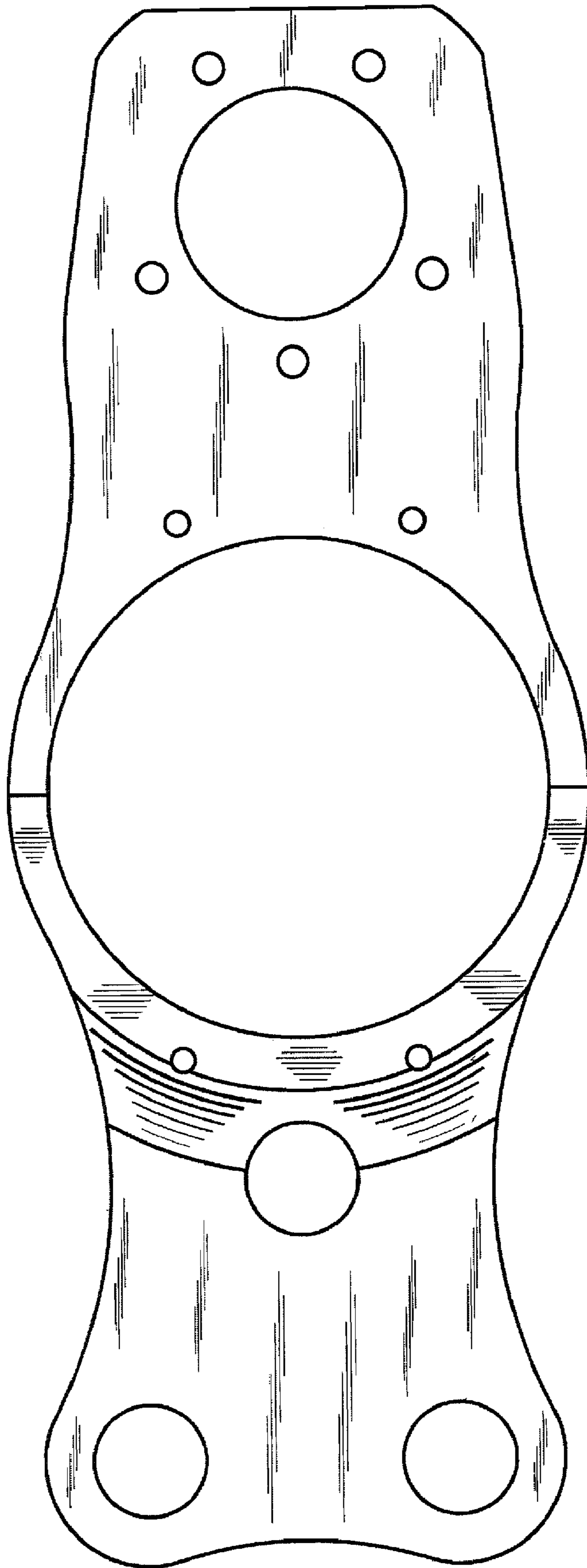


FIG. 5

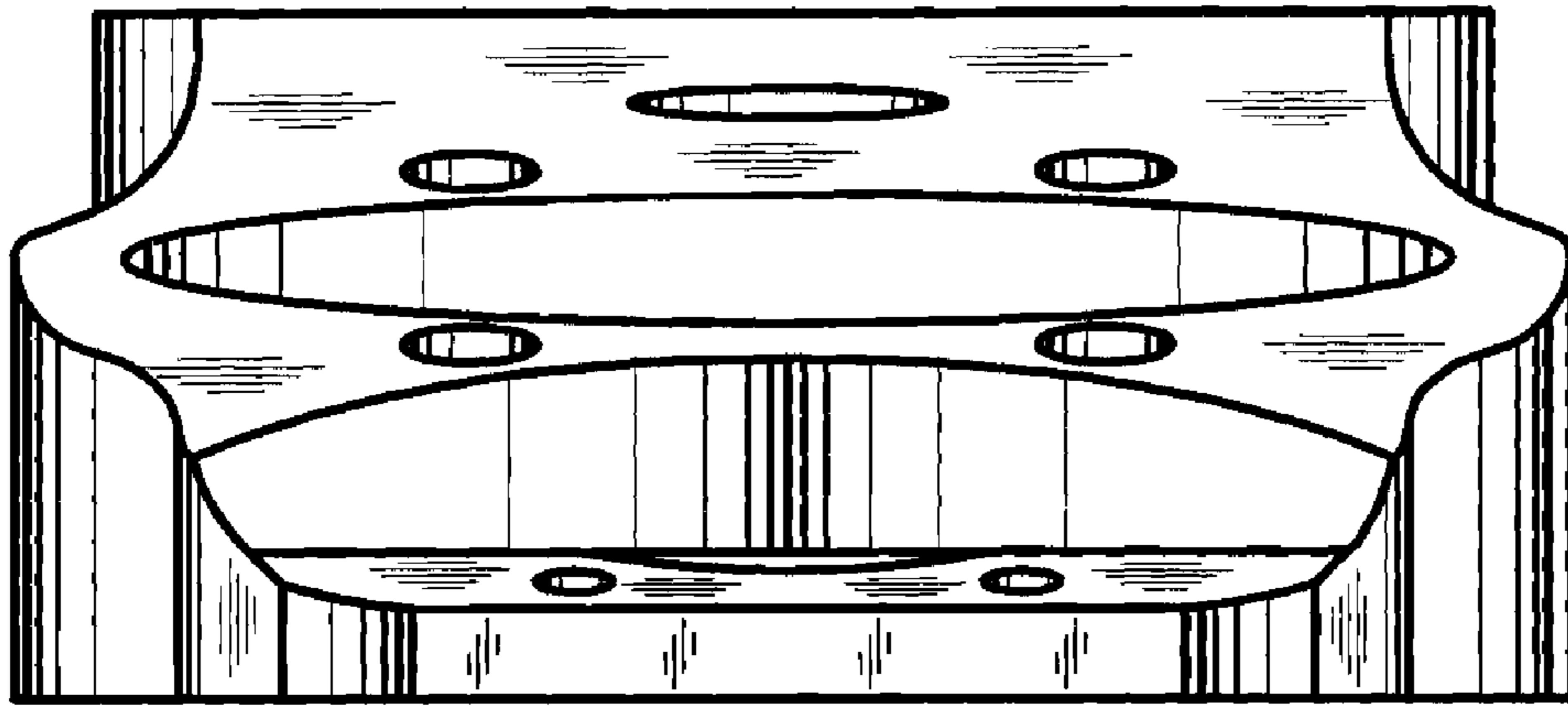


FIG. 7

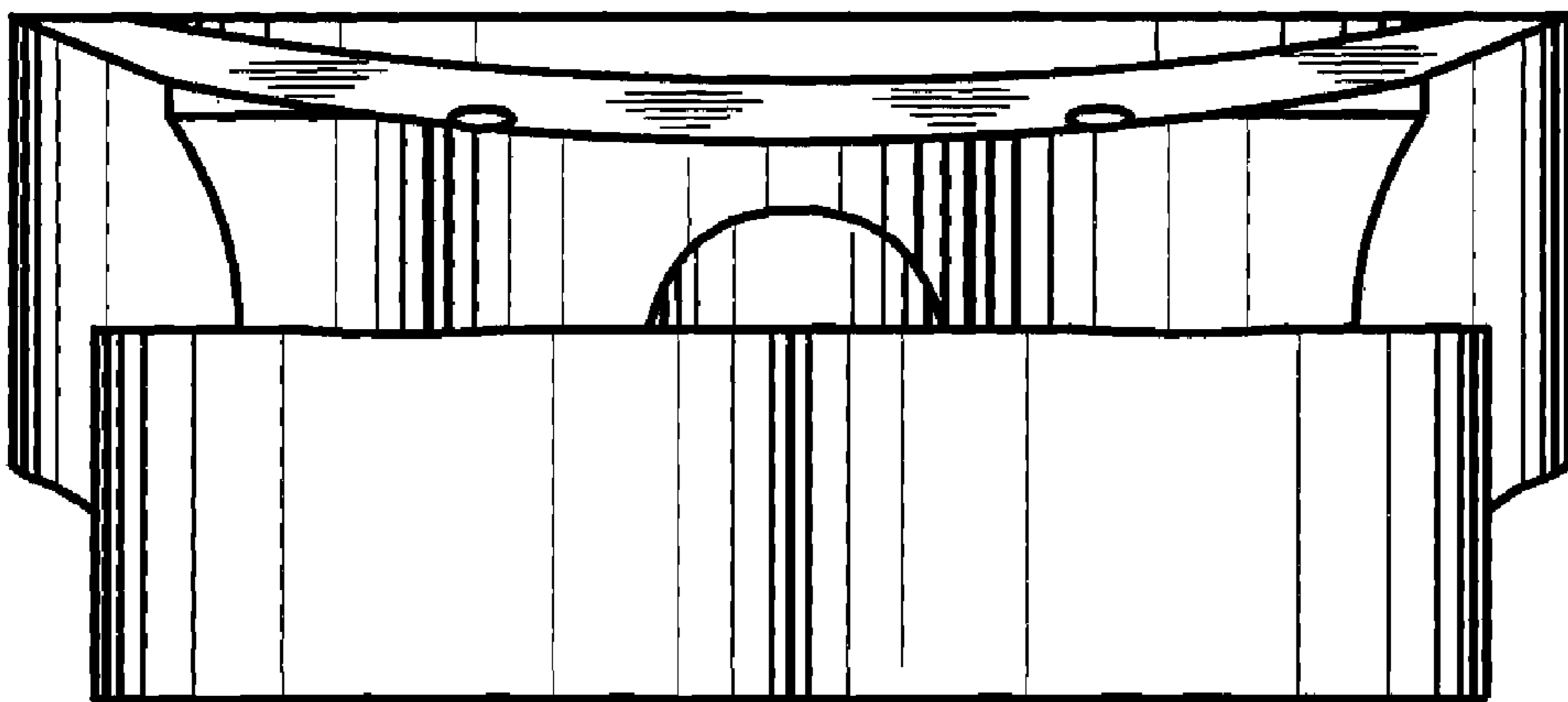


FIG. 6