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

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(54) **VEHICLE WHEEL BALANCER WEIGHT TRAY**

(75) Inventor: **John F. Parker**, O'Fallon, MO (US)

(73) Assignee: **Hunter Engineering Company**,  
Bridgeton, MO (US)

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

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(51) **LOC (8) Cl.** ..... **10-04**

(52) **U.S. Cl.** ..... **D10/82**

(58) **Field of Classification Search** ..... D10/82;  
73/487, 462; 211/163

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D315,524 S \* 3/1991 Cunningham et al. .... D10/82  
6,732,585 B1 \* 5/2004 Cunningham et al. .... 73/462

**OTHER PUBLICATIONS**

- Hofmann, 2600/2800 Wheel Balancer, 2002 (1 page).
- Nussbaum, Wheel Balancers for cars, motorcycles, and light trucks, May 2003 (8 pages).
- CEMB K10 Balancing Machines, Feb. 2004, (4 pages).
- CEMB C71 Balancing Machines, Jul. 2005 (4 pages).
- Corghi Automotive EM 8370 Balancing Machine, Nov. 9, 2005 (3 pages).
- Beissbarth Microtec 850/850.A Wheel Balancing with Monitor Display, Printed Nov. 9, 2003 (4 pages).
- Beissbarth Microtec 835/845 Passenger-car Wheel Balancing Service, Printed Nov. 9, 2005, (6 pages).
- Haweka's Balco 948, 1997 (4 pages).
- Beissbarth Microtec 880/870 Wheel Balancing, Jul. 1998 (4 pages).

\* cited by examiner

*Primary Examiner*—Antoine D. Davis

(74) *Attorney, Agent, or Firm*—Polster, Lieder, Woodruff & Lucchesi, L.C.

(57) **CLAIM**

The ornamental design for a vehicle wheel balancer weight tray, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the vehicle wheel balancer weight tray of the present invention, the vehicle wheel balancer weight tray is defined generally by a front planar portion and an integrated rear truncated conical-section portion, optional weight compartments and balancer spindle cone compartments, shown in phantom, form no part of the invention;

FIG. 2 is a top plan view of the embodiment shown in FIG. 1;

FIG. 3 is a left side view of the embodiment shown in FIG. 1;

FIG. 4 is a right side view of the embodiment shown in FIG. 1;

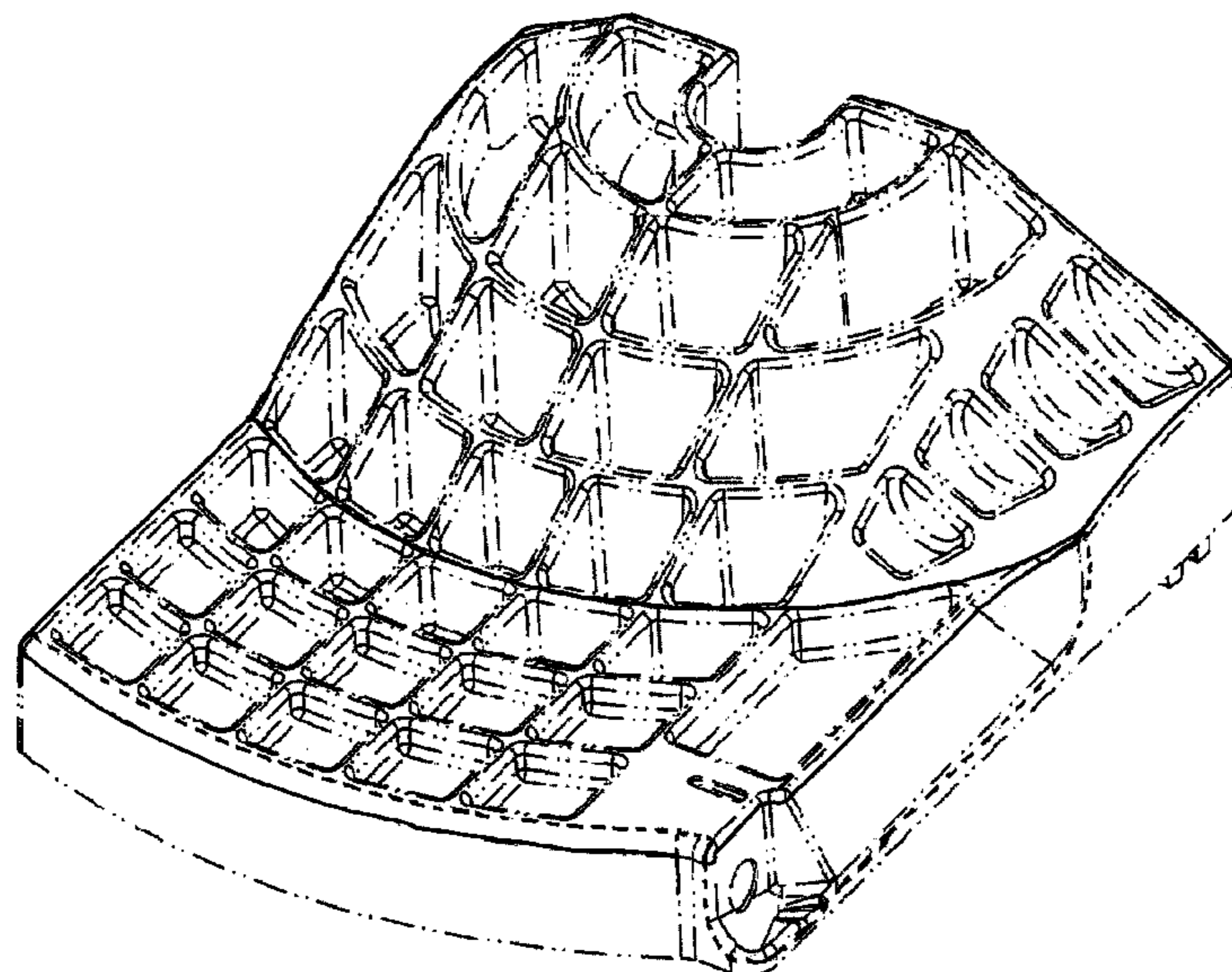
FIG. 5 is a front side view of the embodiment shown in FIG. 1;

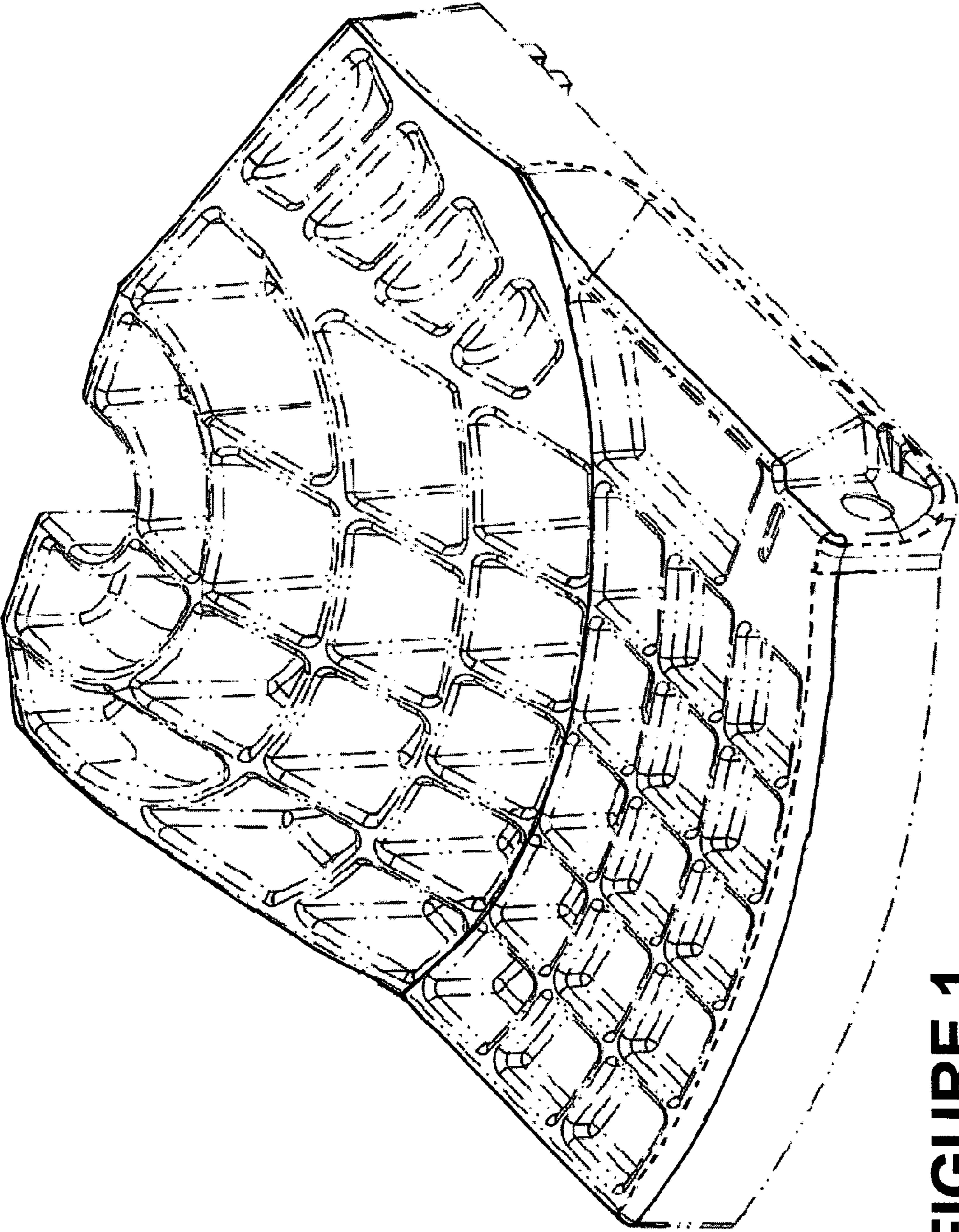
FIG. 6 is a back side view of the embodiment shown in FIG. 1;

FIG. 7 is a bottom plan view of the embodiment shown in FIG. 1; and,

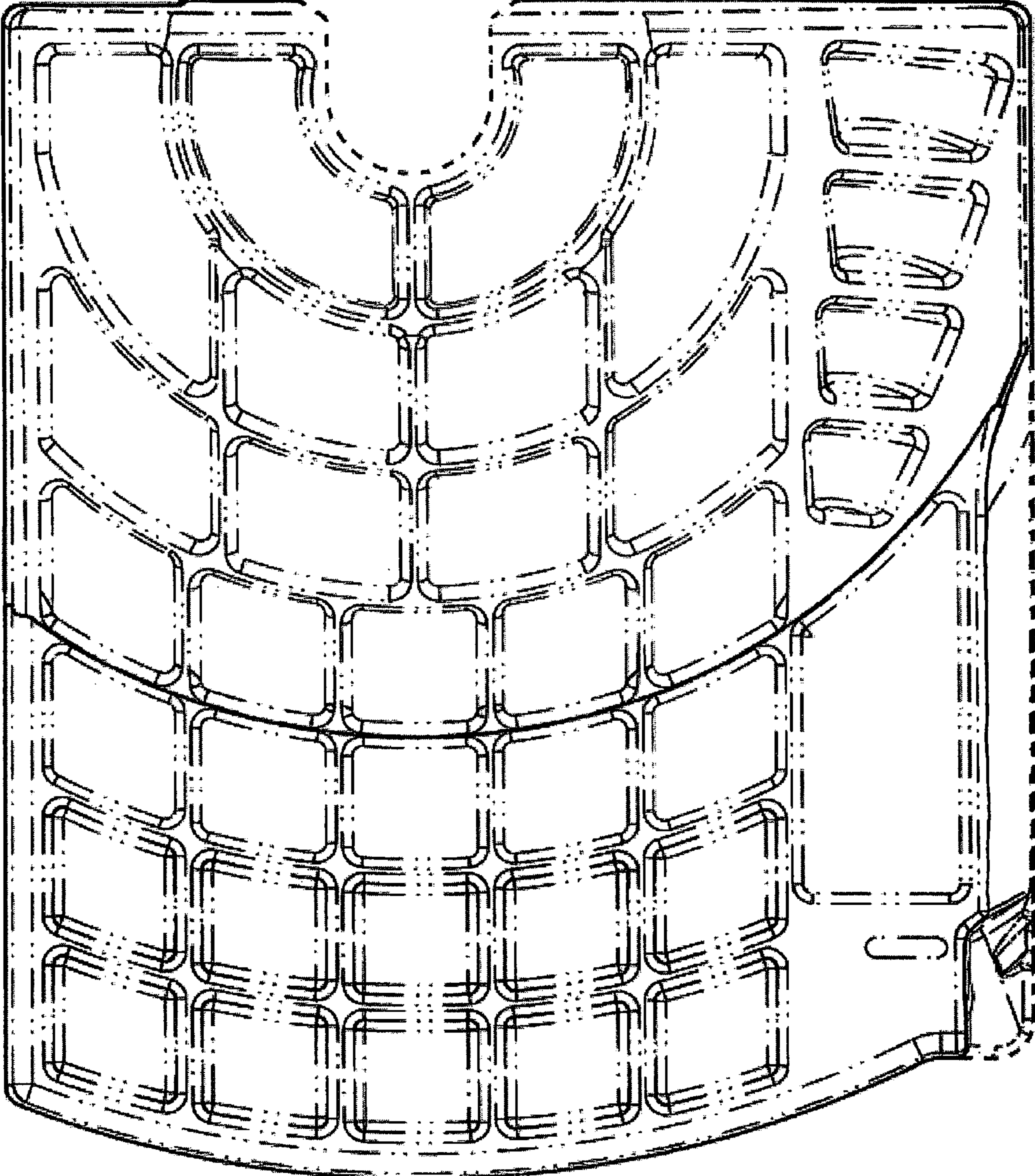
FIG. 8 is a perspective view of the embodiment of shown in FIG. 1 in the environment of a vehicle wheel balancer system, which is shown in phantom and forms no part of the invention.

**1 Claim, 6 Drawing Sheets**

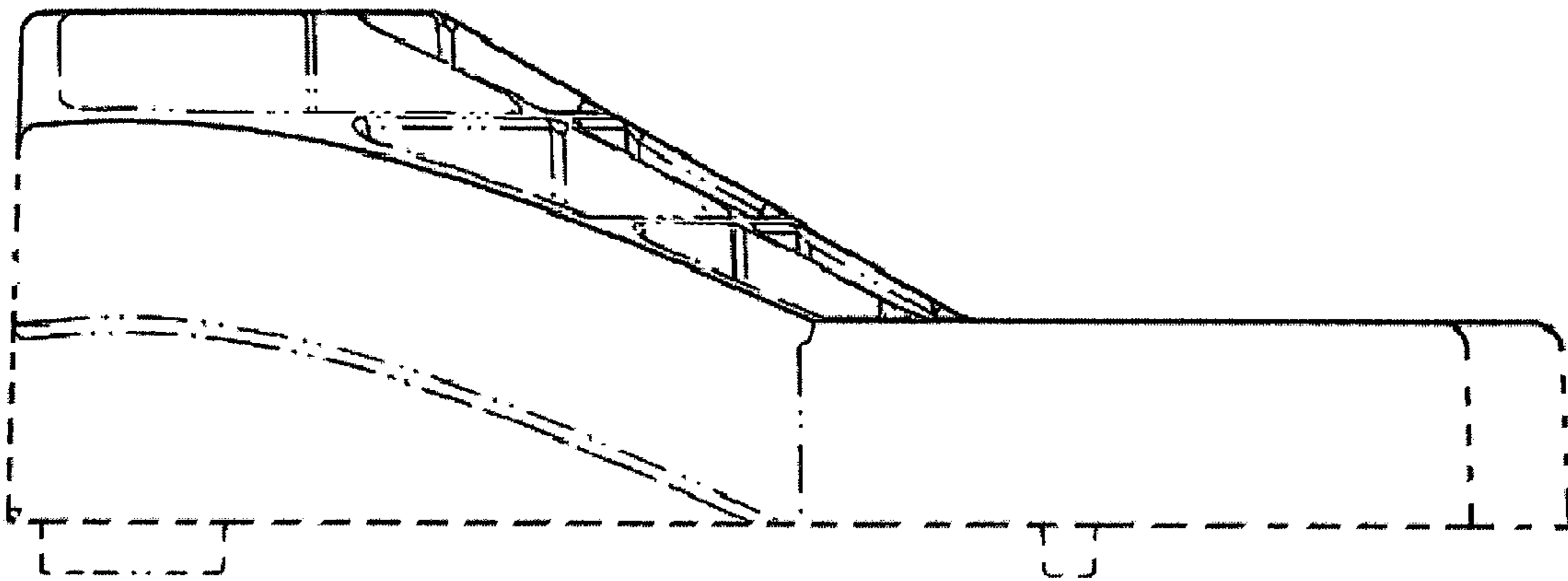




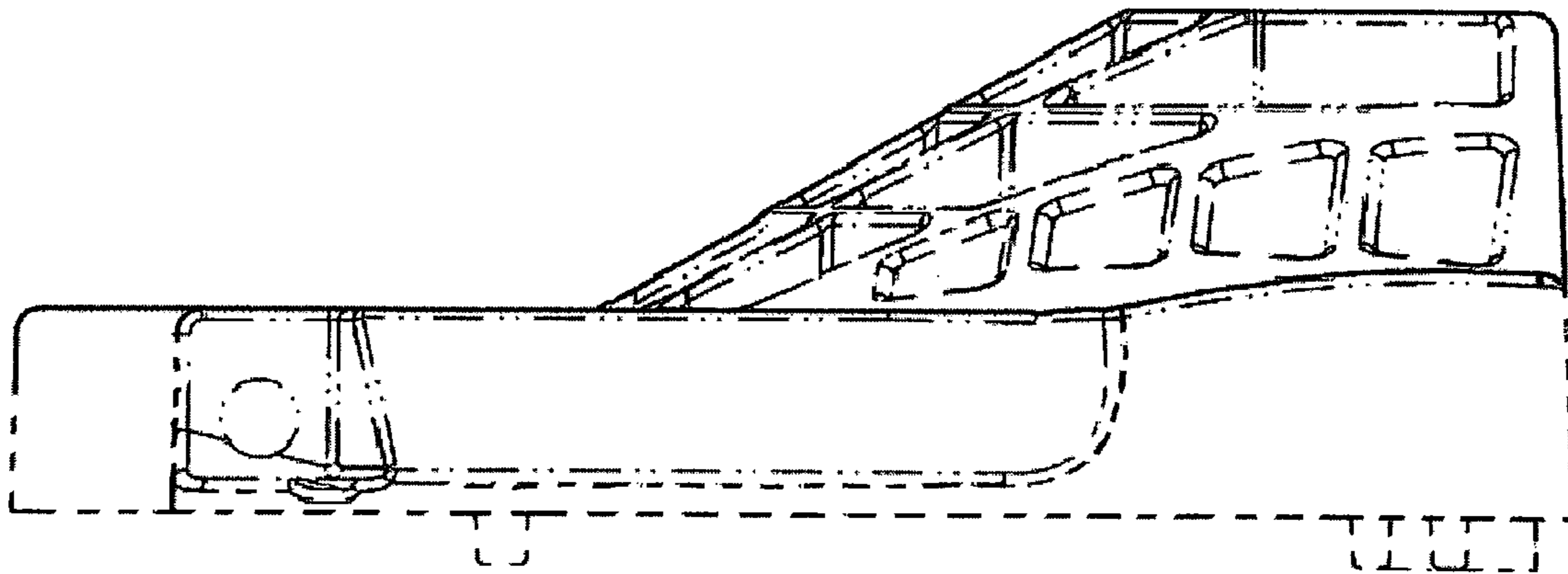
**FIGURE 1**



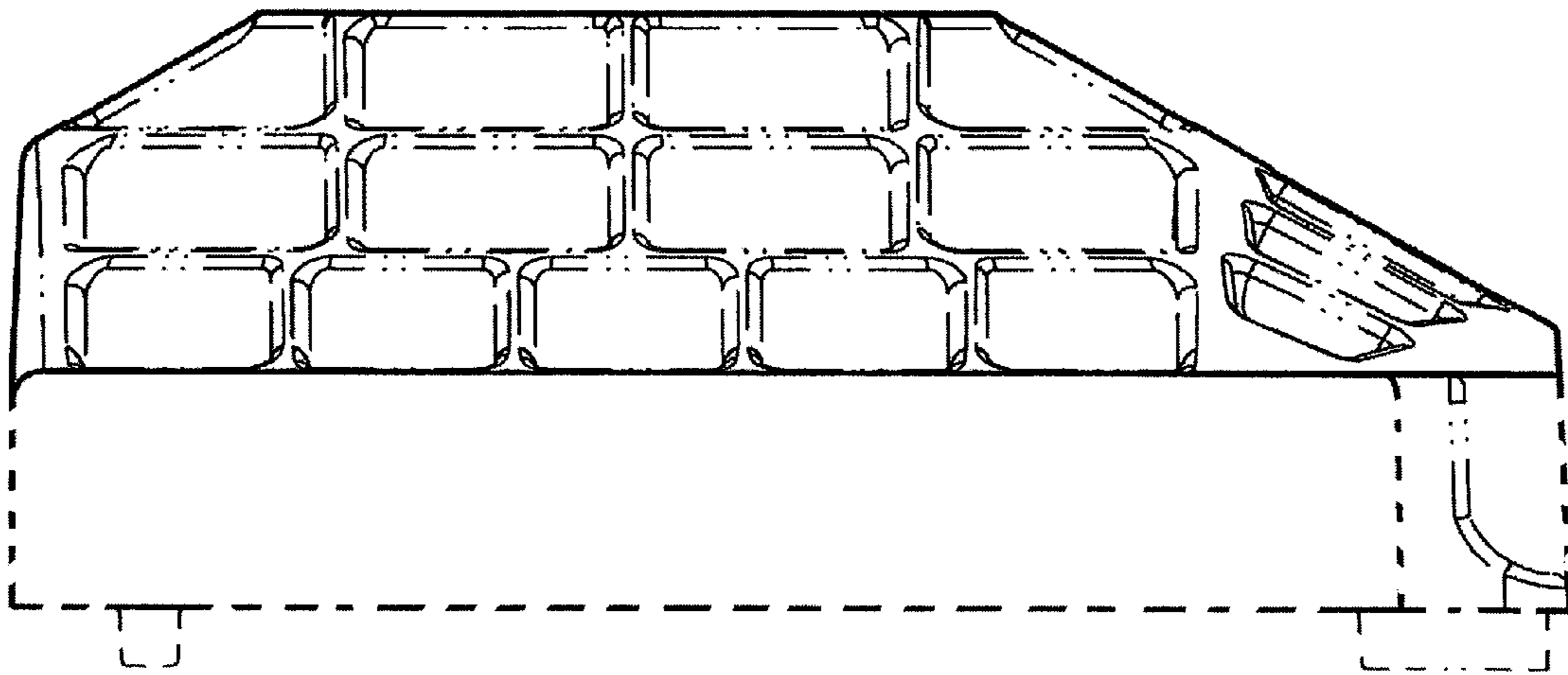
**FIGURE 2**



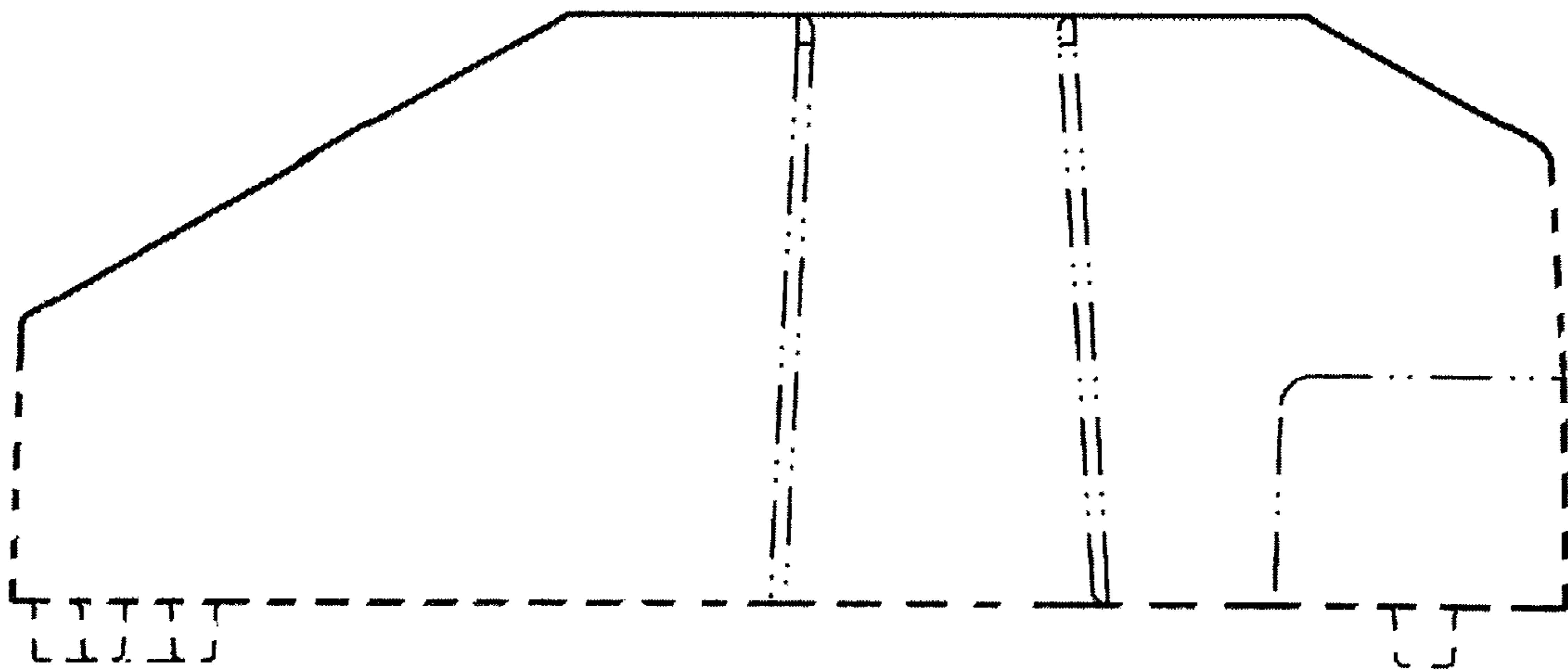
**FIGURE 3**



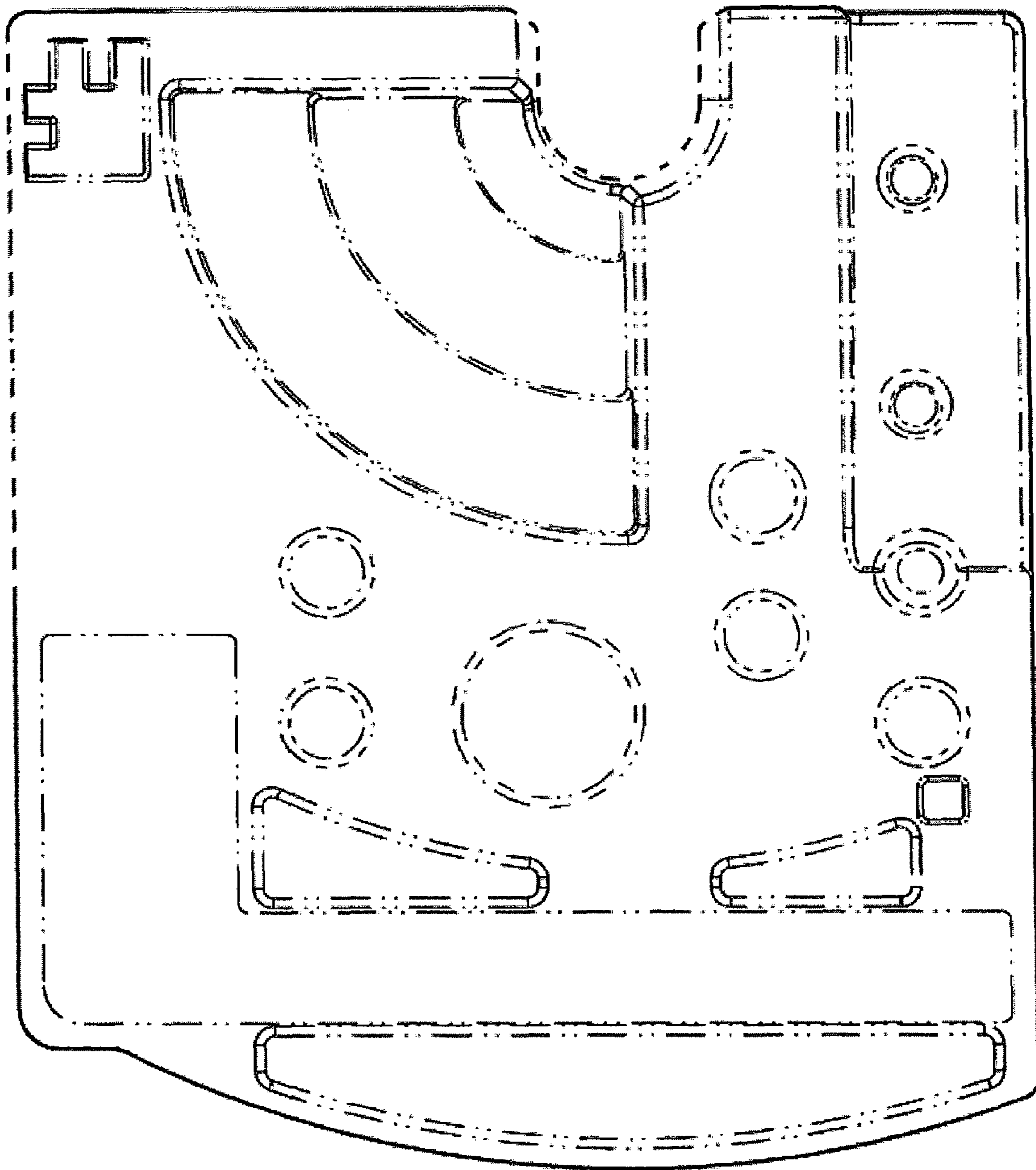
**FIGURE 4**



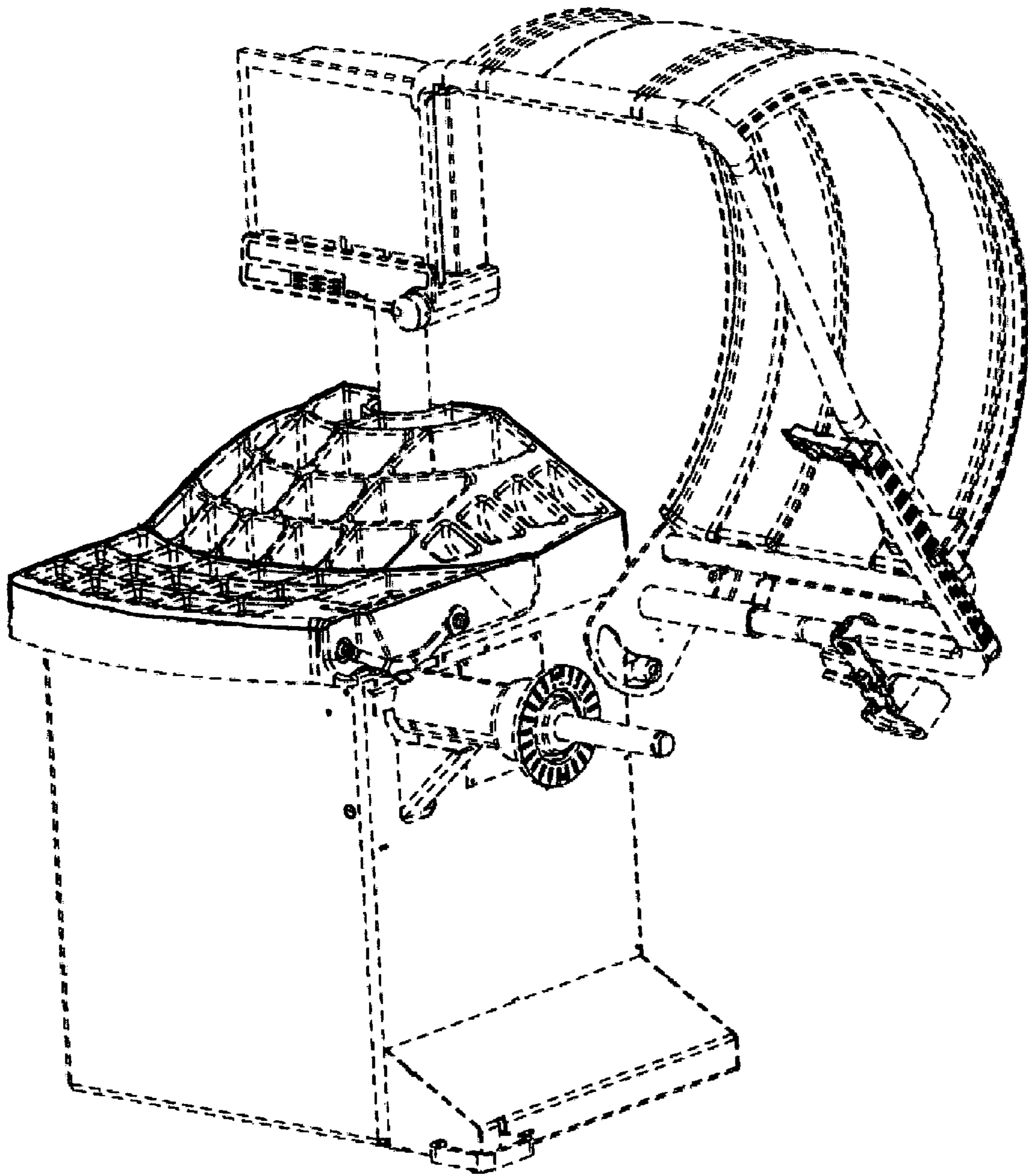
**FIGURE 5**



**FIGURE 6**



**FIGURE 7**



**FIGURE 8**