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(12) United States Design Patent

Kim et al.

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(54) **LED LIGHTING APPARATUS**

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(73) Assignee: **LG Innotek Co., Ltd.**, Seoul (KR)

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

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(30) **Foreign Application Priority Data**

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Apr. 10, 2010 (KR) 30-2010-0015934

(51) **LOC (9) Cl.** **26-05**
(52) **U.S. Cl.** **D26/63**
(58) **Field of Classification Search** D26/61–66, D26/72, 74, 80–92; 362/145, 147, 211, 213, 362/220, 219, 223–225, 217.1, 217.11–217.17, 362/640, 227, 232, 235–241, 249.01–249.09, 362/249.1, 249.11, 264, 268–271, 277, 278, 362/282, 283–285, 287, 289, 294, 311.02, 362/362, 368–373, 404, 418, 419, 427, 432, 362/449, 800
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D264,254	S *	5/1982	Heritage	D26/74
D563,012	S *	2/2008	Citterio	D26/63
7,465,070	B2 *	12/2008	Engel	362/297
7,513,639	B2 *	4/2009	Wang	362/218
7,524,080	B2 *	4/2009	Tu et al.	362/183
7,591,572	B1 *	9/2009	Levine	362/427
7,780,318	B2 *	8/2010	Xiao et al.	362/371
D623,326	S *	9/2010	Chen	D26/63
D625,870	S *	10/2010	Feigenbaum	D26/63
7,841,740	B2 *	11/2010	Zhou et al.	362/249.02
D629,550	S *	12/2010	Sandell	D26/63

* cited by examiner

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(57) **CLAIM**

The ornamental design for a LED lighting apparatus, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a LED lighting apparatus;
FIG. **2** is a front view of the LED lighting apparatus of FIG. **1**;
FIG. **3** is a rear view of the LED lighting apparatus of FIG. **1**;
FIG. **4** is a left side view of the LED lighting apparatus of FIG. **1**;
FIG. **5** is a right side view of the LED lighting apparatus of FIG. **1**;
FIG. **6** is a top view of the LED lighting apparatus of FIG. **1**;
FIG. **7** is a bottom view of the LED lighting apparatus of FIG. **1**; and,
FIG. **8** is a front perspective view of the LED lighting apparatus of FIG. **1** shown in use with the light emitting part in diagonal line.

1 Claim, 6 Drawing Sheets

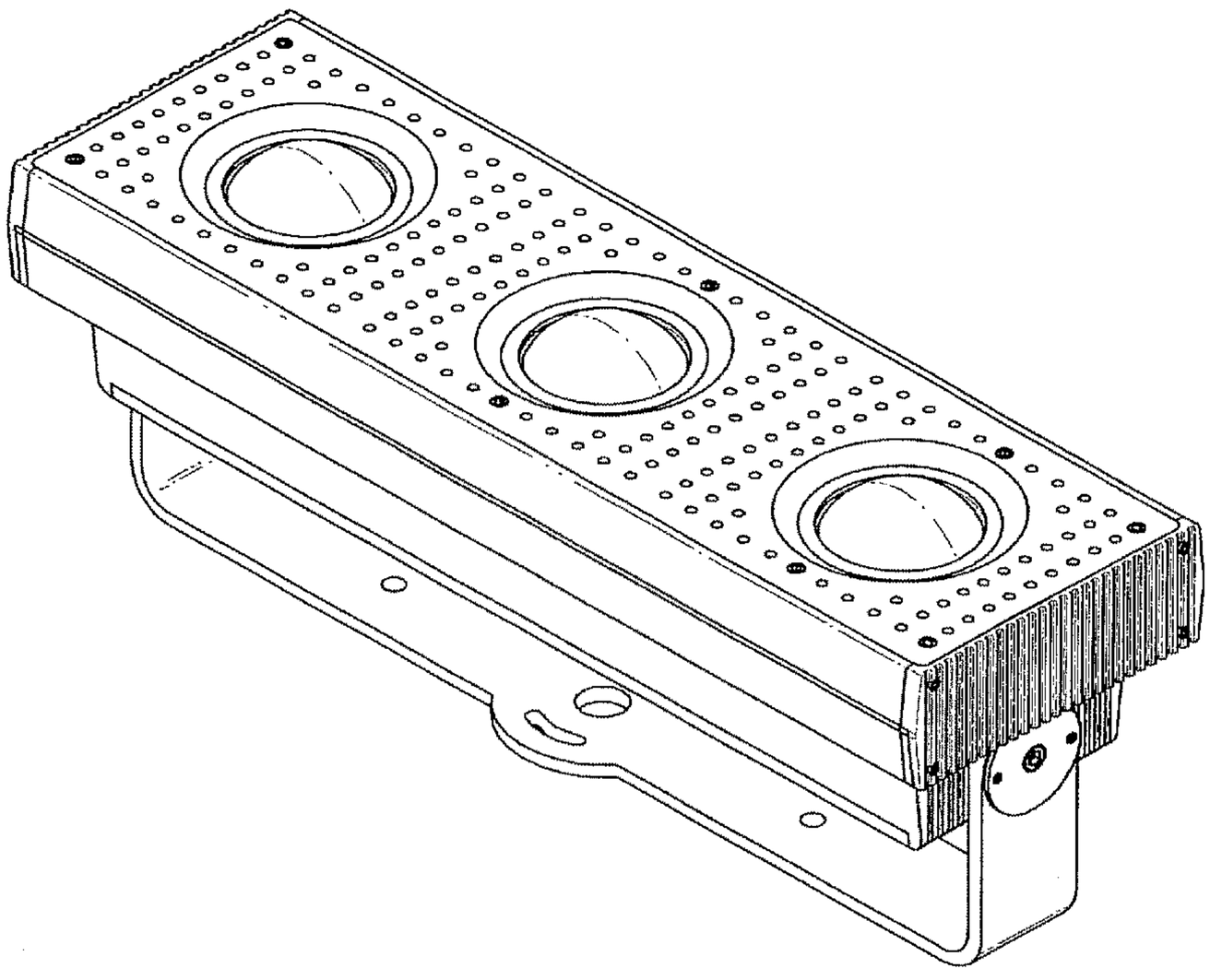

FIGURE 1

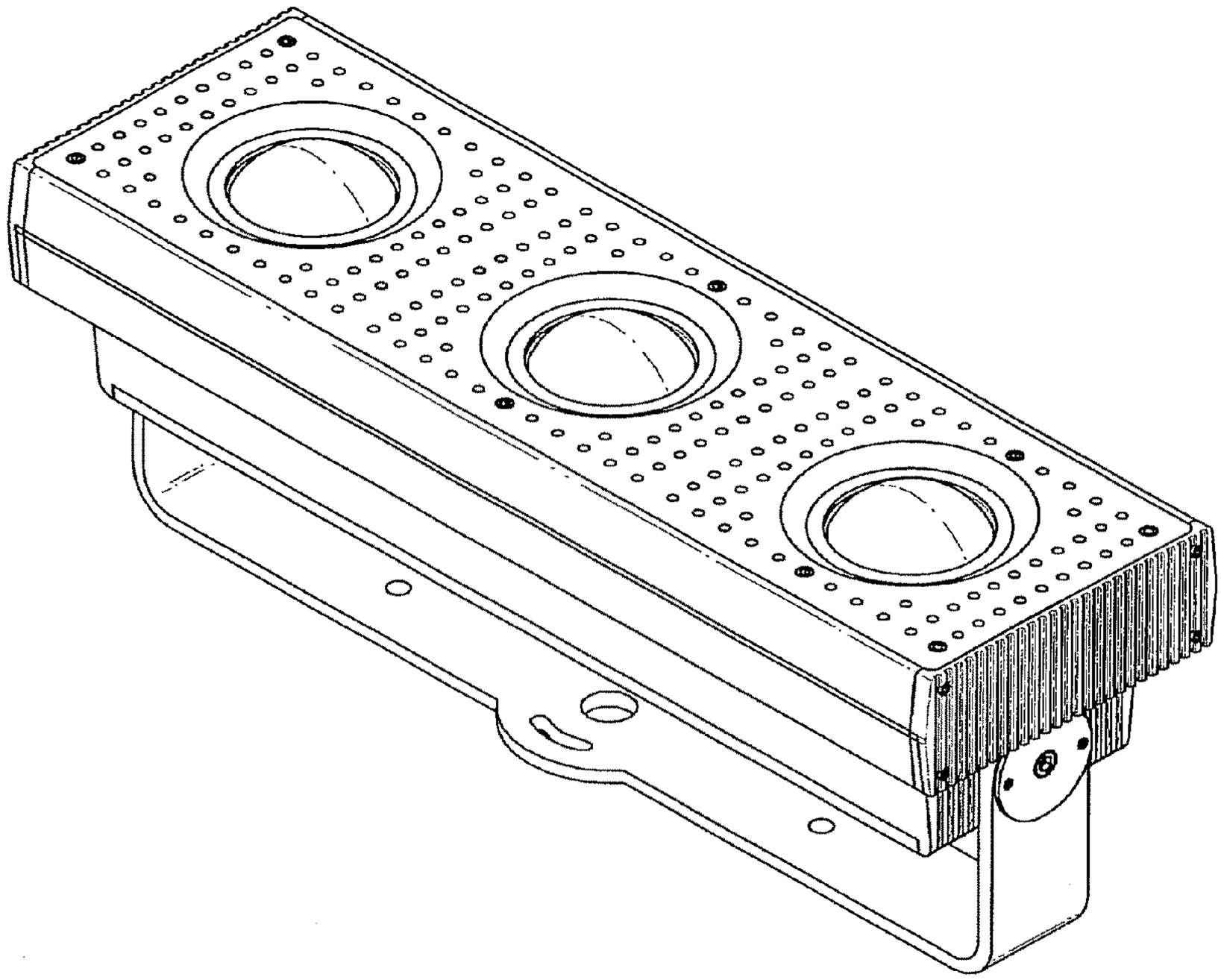

FIGURE 2

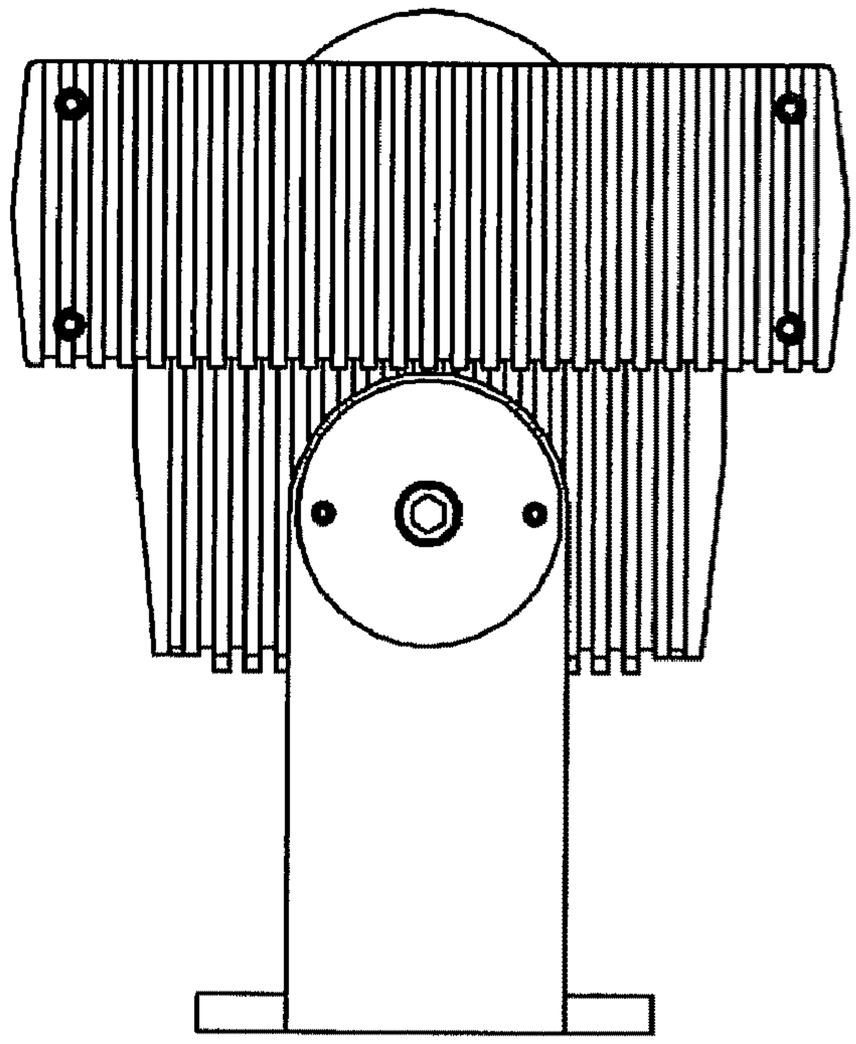

FIGURE 3

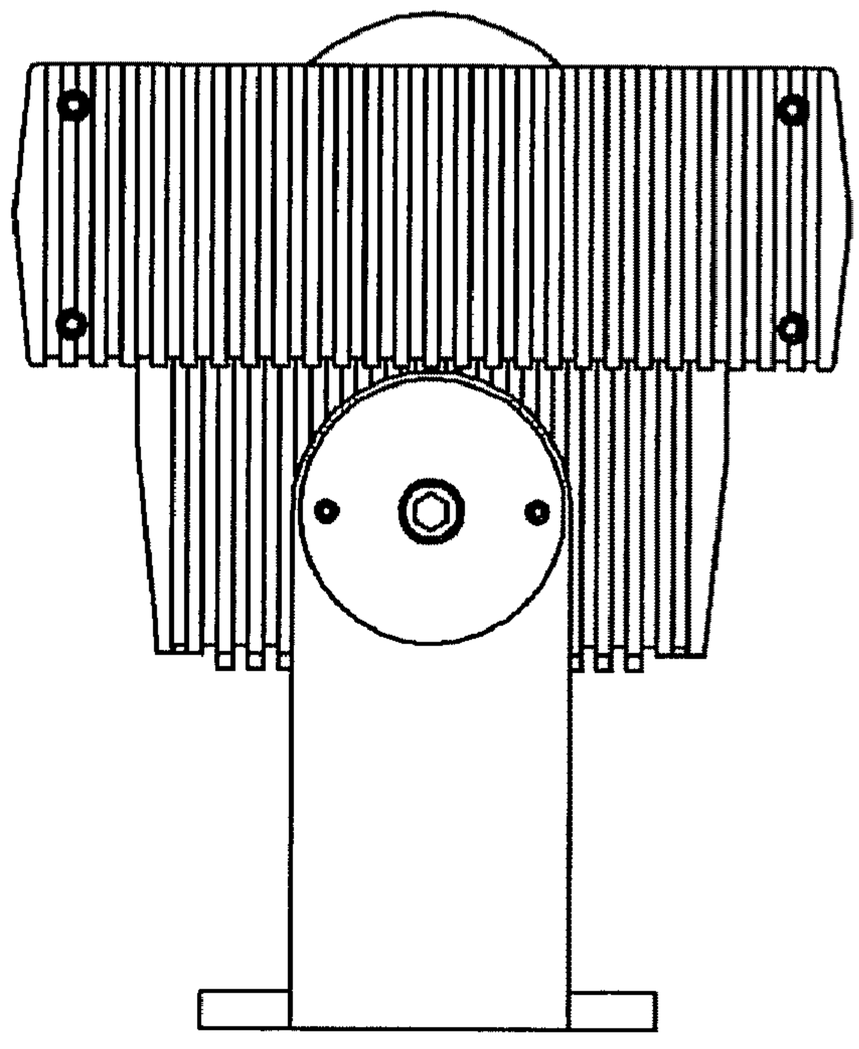

FIGURE 4

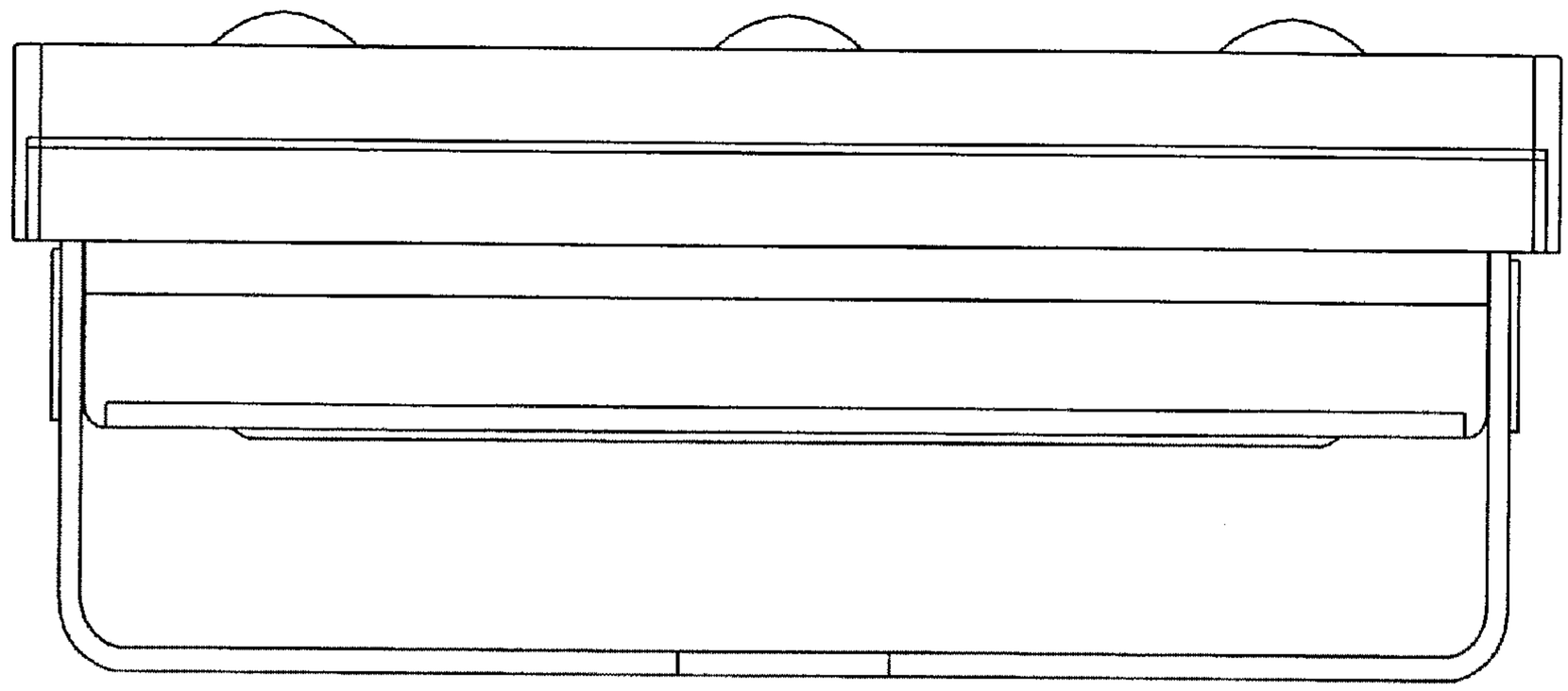

FIGURE 5

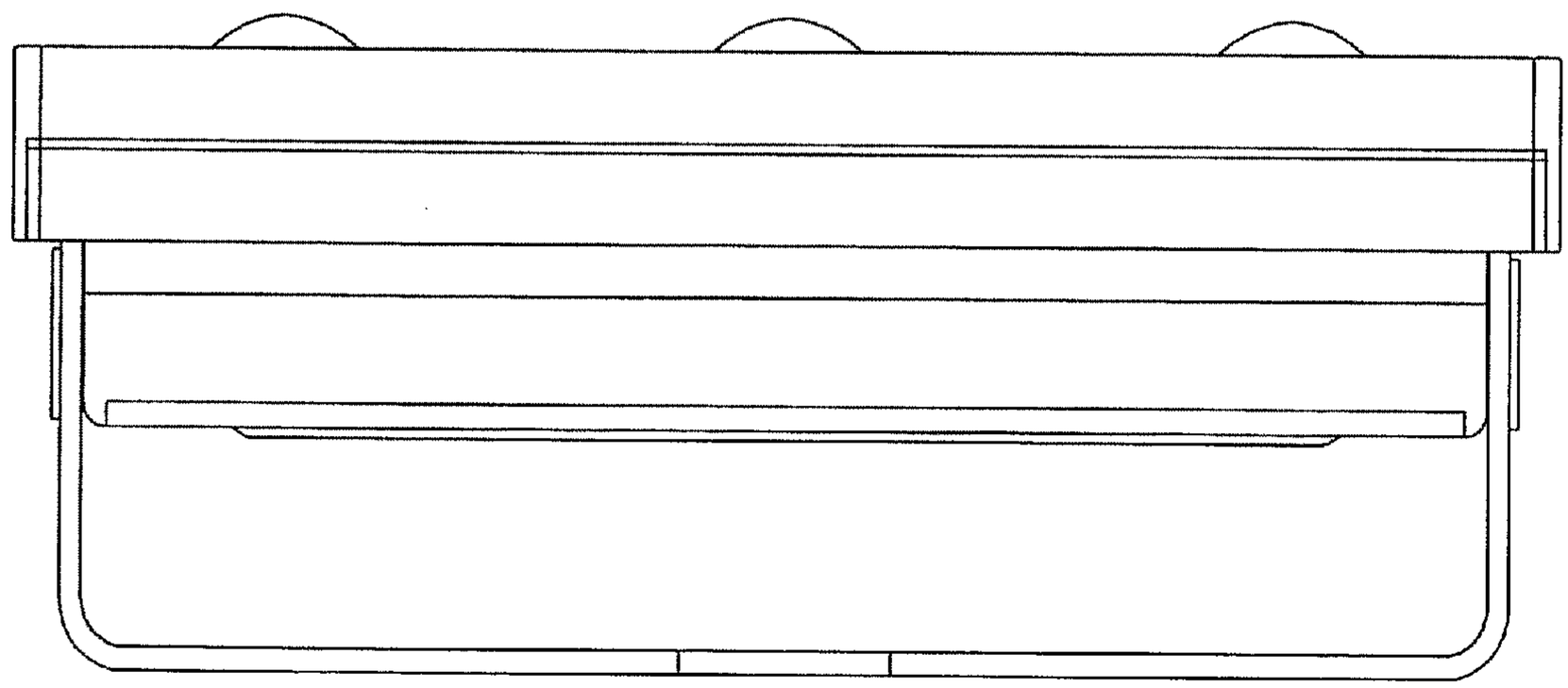

FIGURE 6

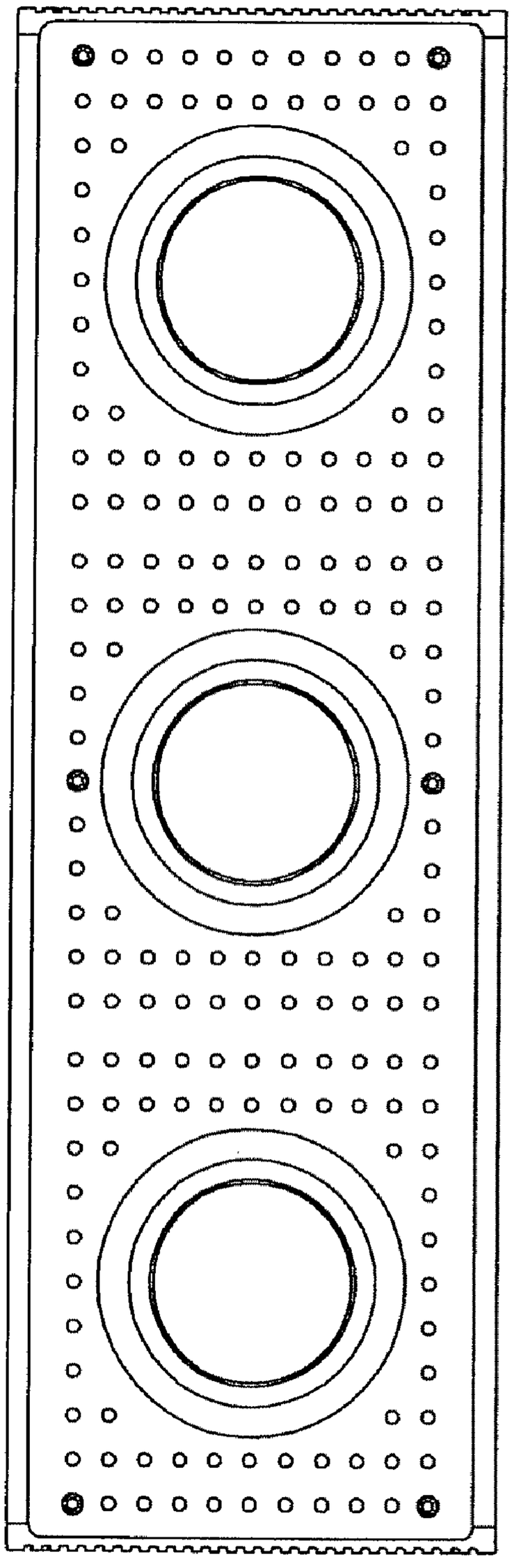

FIGURE 7

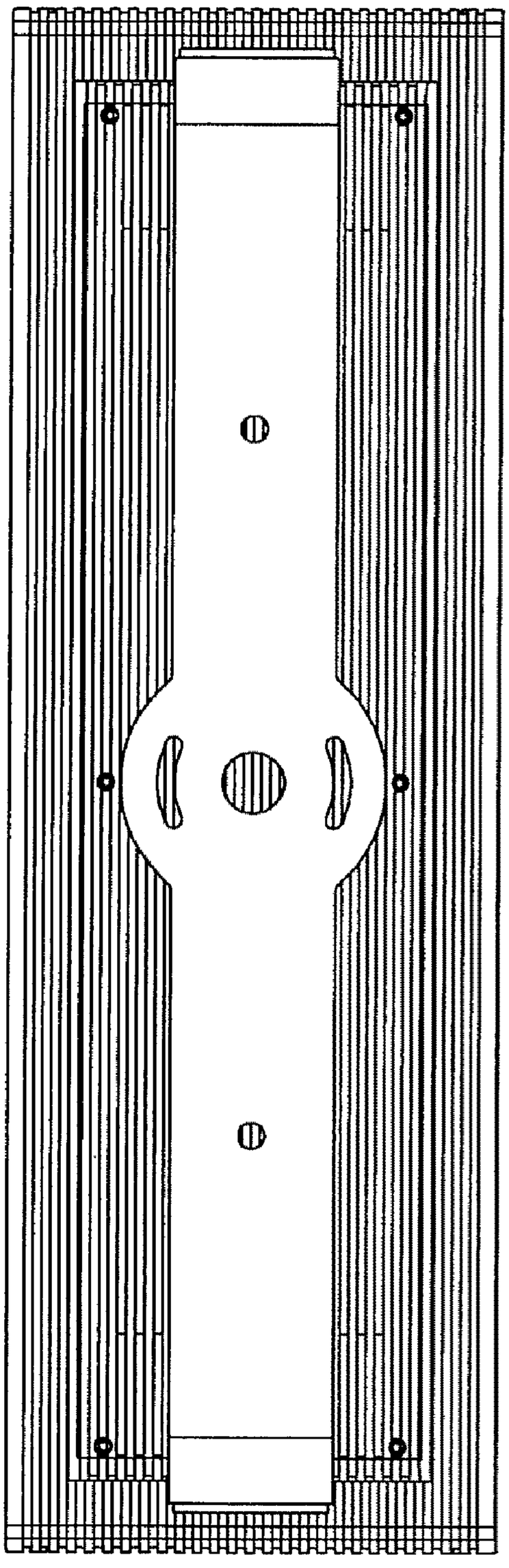

FIGURE 8