



US00D361317S

United States Patent [19]

Harmon et al.

[11] Patent Number: **Des. 361,317**

[45] Date of Patent: **** Aug. 15, 1995**

[54] **HEAT SINK DEVICE**

[75] Inventors: **Ronald A. Harmon**, Hudson, Mass.;
Jimmie D. Felps, Colorado Springs,
Colo.

[73] Assignee: **Wakefield Engineering, Inc.**,
Wakefield, Mass.

[**] Term: **14 Years**

[21] Appl. No.: **23,518**

[22] Filed: **May 26, 1994**

[52] U.S. Cl. **D13/179**

[58] Field of Search **D13/179; 257/706, 707,**
257/709, 718, 719, 720, 721, 722; 361/704, 709,
710, 718; 165/180, 185

5,200,809 4/1993 Kwon 257/707
 5,270,902 12/1993 Bellar et al. 361/718
 5,276,584 1/1994 Collins et al. 361/718
 5,289,337 2/1994 Aghazadeh et al. 361/718
 5,307,236 4/1994 Rio et al. 361/720
 5,311,395 5/1994 McGaha et al. 361/720

OTHER PUBLICATIONS

Medium power heat sinks on p. 317 of Arrow Electronics catalog, ©1988.

Primary Examiner—Joel Sincavage
Attorney, Agent, or Firm—Blodgett & Blodgett

[57] CLAIM

The ornamental design for a heat sink device, as shown and described.

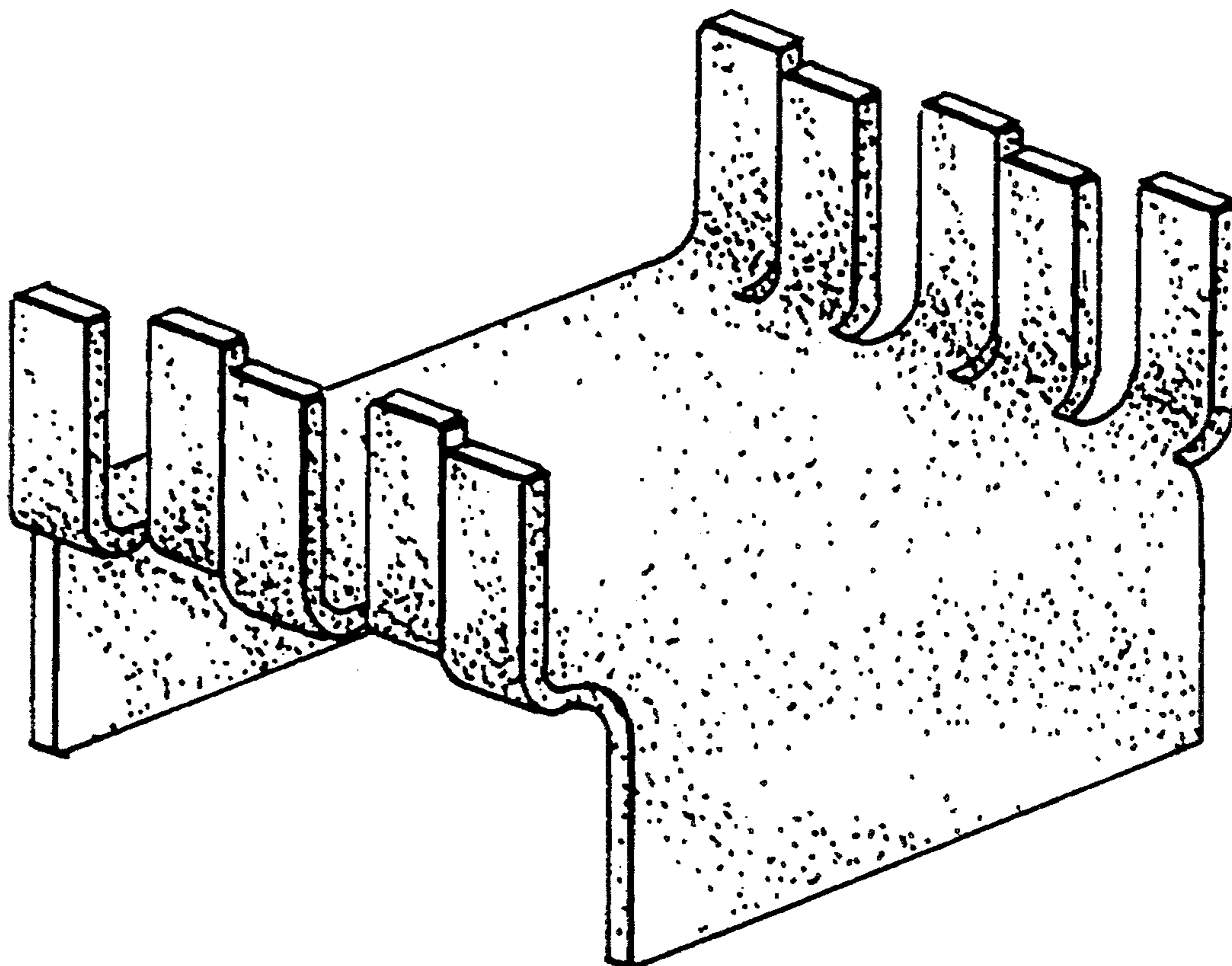
DESCRIPTION

FIG. 1 is an isometric view of a heat sink device showing our new design;
 FIG. 2 is a top plan view thereof;
 FIG. 3 is a front elevational view thereof, the rear elevation view being a mirror image of that shown;
 FIG. 4 is a right side elevation view thereof, the left side elevation view being a mirror image of that shown; and,
 FIG. 5 is a bottom plan view thereof.

[56] References Cited

U.S. PATENT DOCUMENTS

3,212,569 10/1965 McAdam 257/722 X
 4,209,839 4/1985 Lavochkin 257/718
 4,544,942 10/1985 McCarthy 257/718 X
 4,552,206 11/1985 Johnson et al. 165/185 X
 5,010,949 4/1991 Dehaine 165/185 X
 5,099,310 3/1992 Osada et al. .
 5,130,888 7/1992 Moore 165/185 X



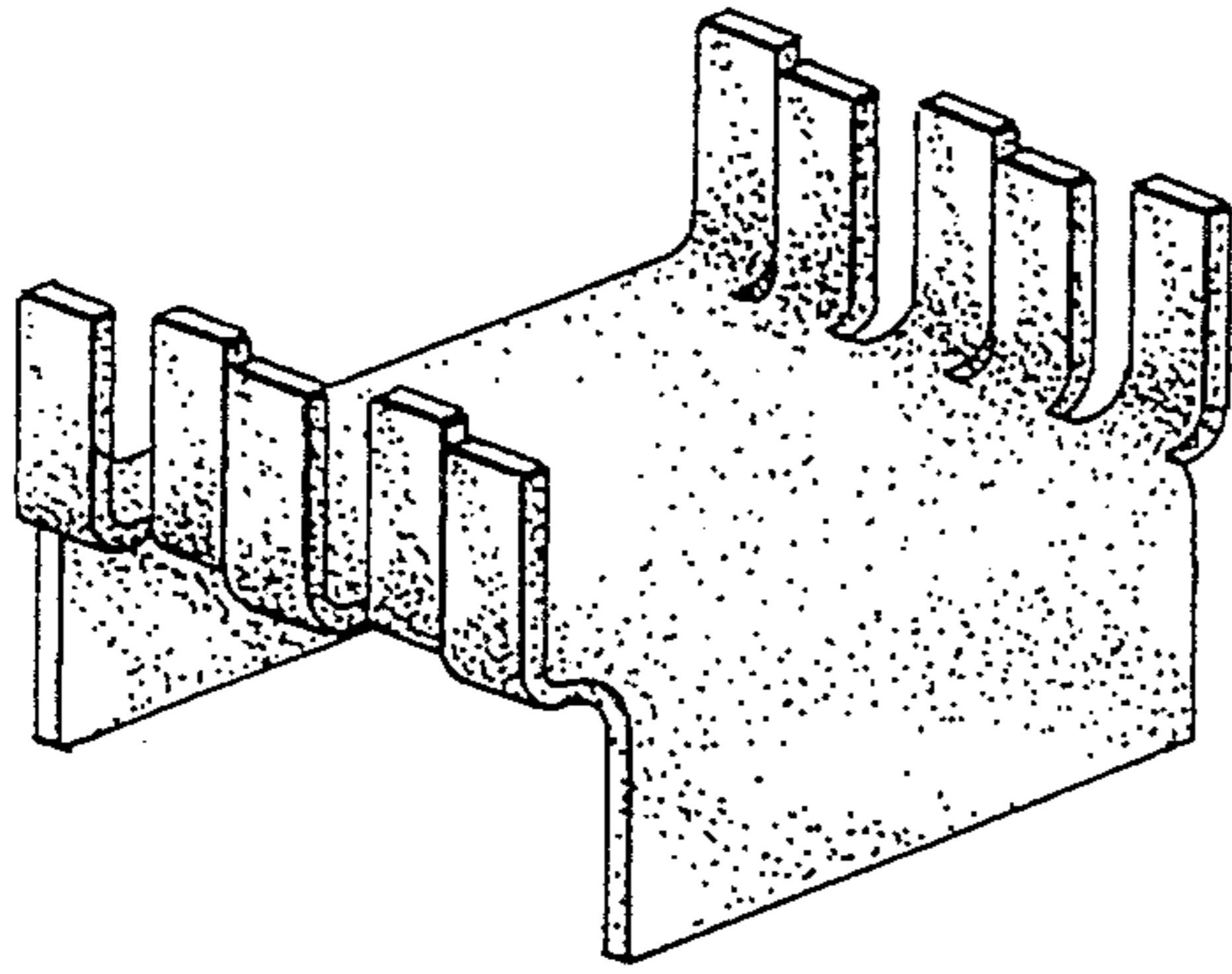


FIG. 1



FIG. 4

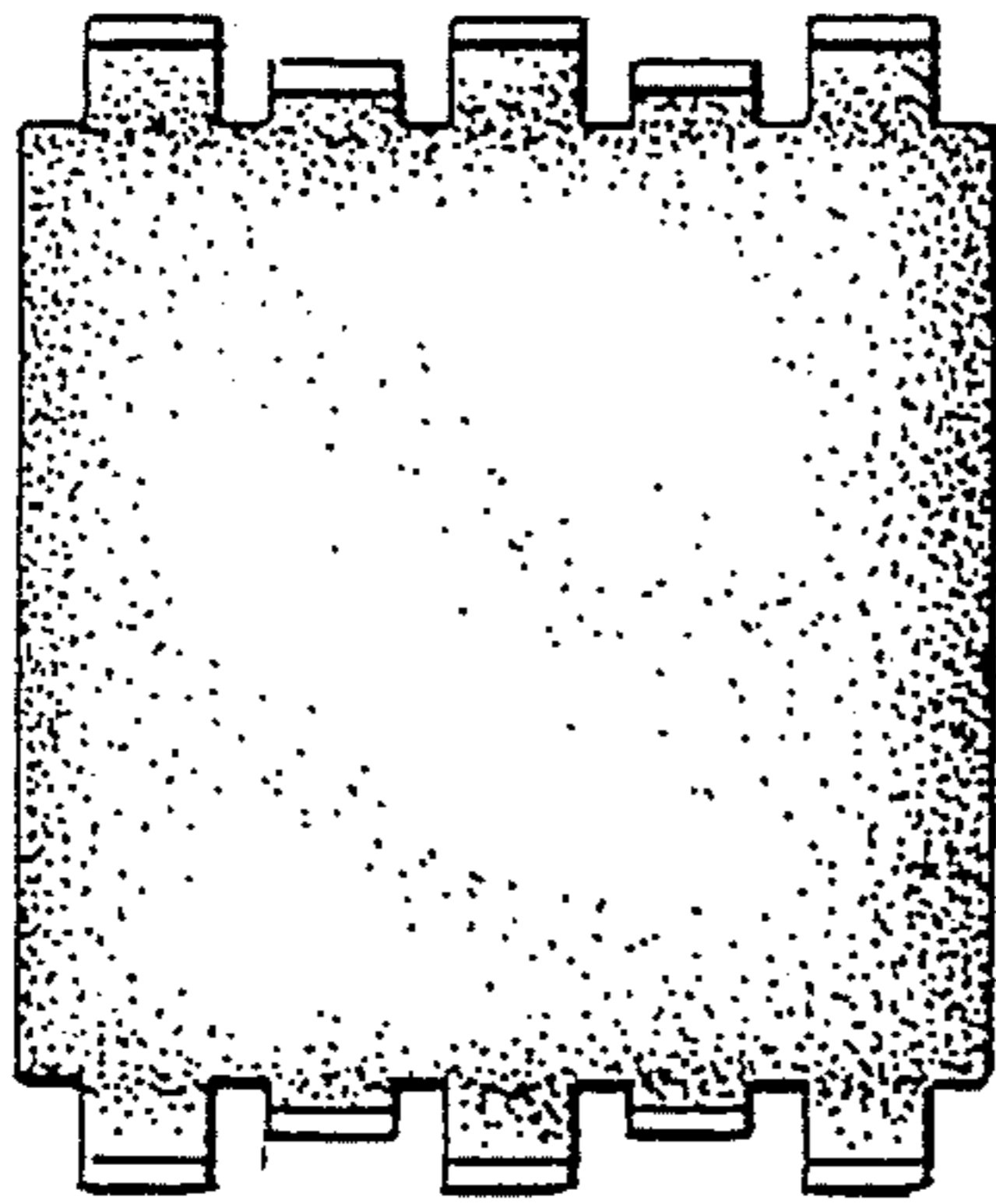


FIG. 2

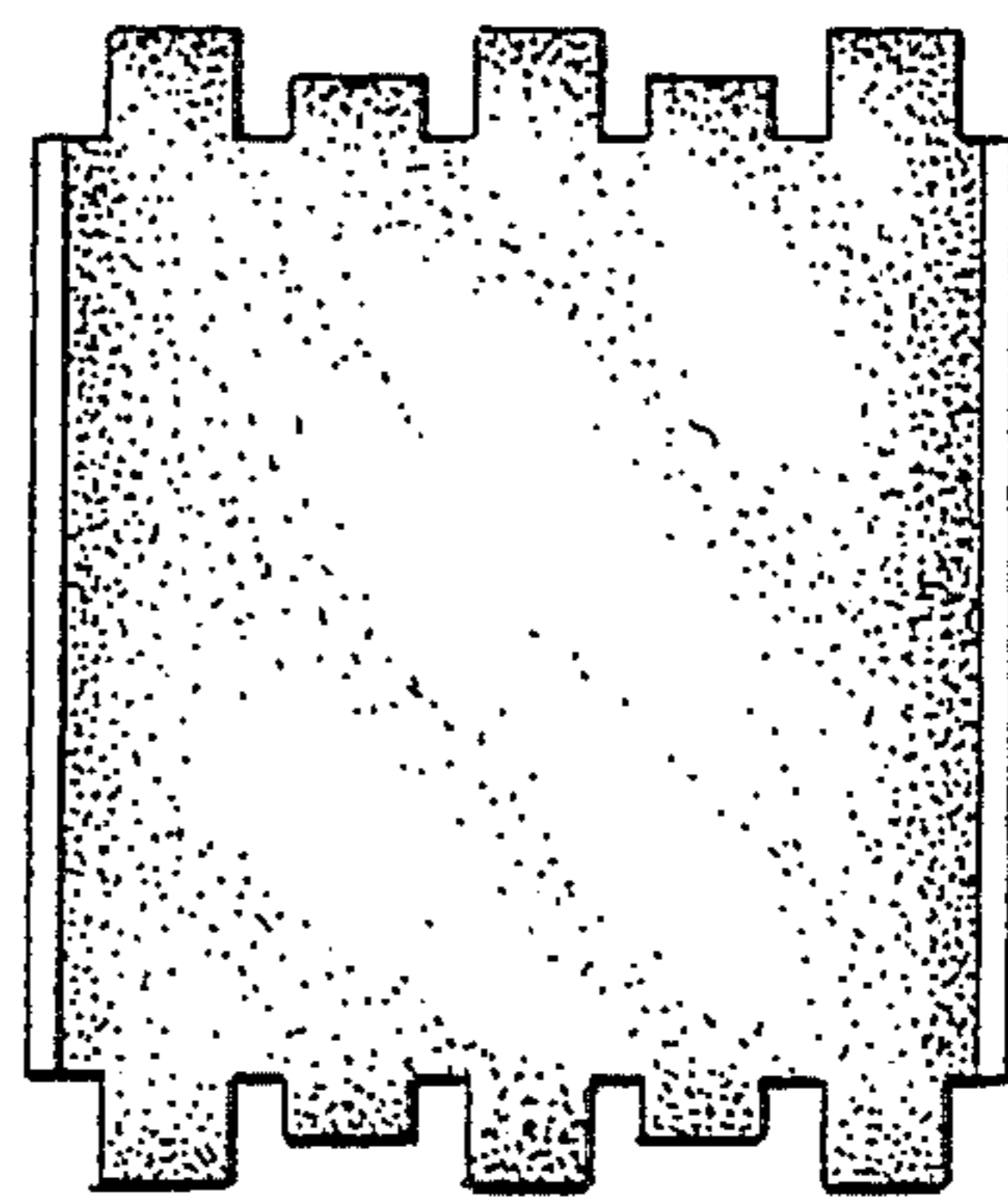


FIG. 5

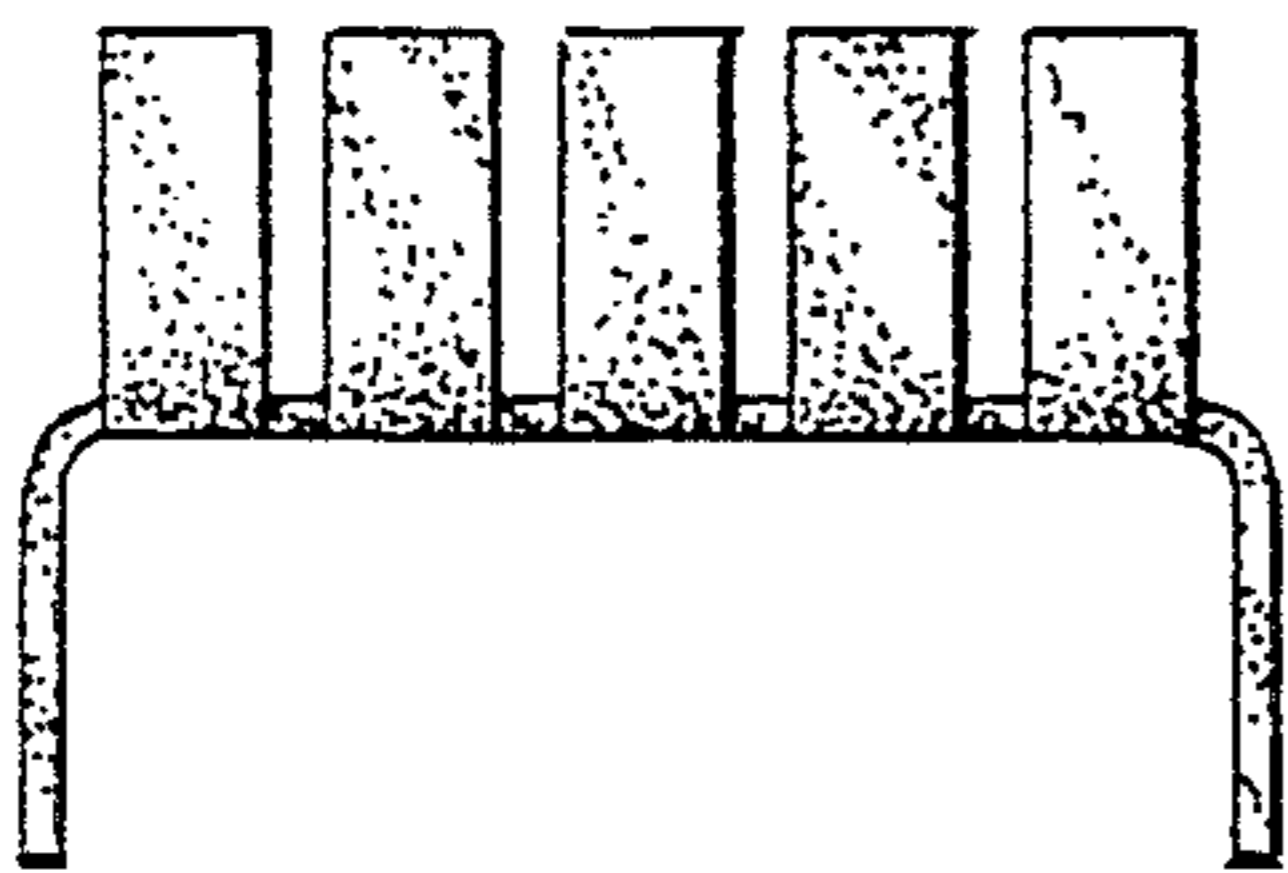


FIG. 3