United States Patent [19]

McCarthy

[11] **Des. 267,942**

[45] ** **Feb. 15, 1983**

---

[54] **HEAT-SINK FOR ELECTRONIC SEMICONDUCTOR DEVICES**

[75] Inventor: **Alfred F. McCarthy,** Belmount, N.H.

[73] Assignee: **Aavid Engineering, Inc.,** Laconia, N.H.

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

[21] Appl. No.: **208,924**

[22] Filed: **Nov. 21, 1980**

[51] **Int. Cl.** .... **D13—03**
[52] **U.S. Cl.** **D13/23**
[58] **Field of Search** .... 357/81; 165/80 R, 80 A, 165/80 B; D13/23; 174/16 HS

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,893,161	7/1975	Pesak, Jr.	357/81
4,012,769	3/1977	Edwards et al.	174/16 HS X

Primary Examiner—Susan J. Lucas

Attorney, Agent, or Firm—James E. Mrose

[57] **CLAIM**

The ornamental design for a heat-sink for electronic semiconductor devices, substantially as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a heat sink for electronic semiconductor devices showing my new design, the semiconductor being shown in broken lines for illustrative purposes only;

FIG. **2** is a front elevational view thereof;

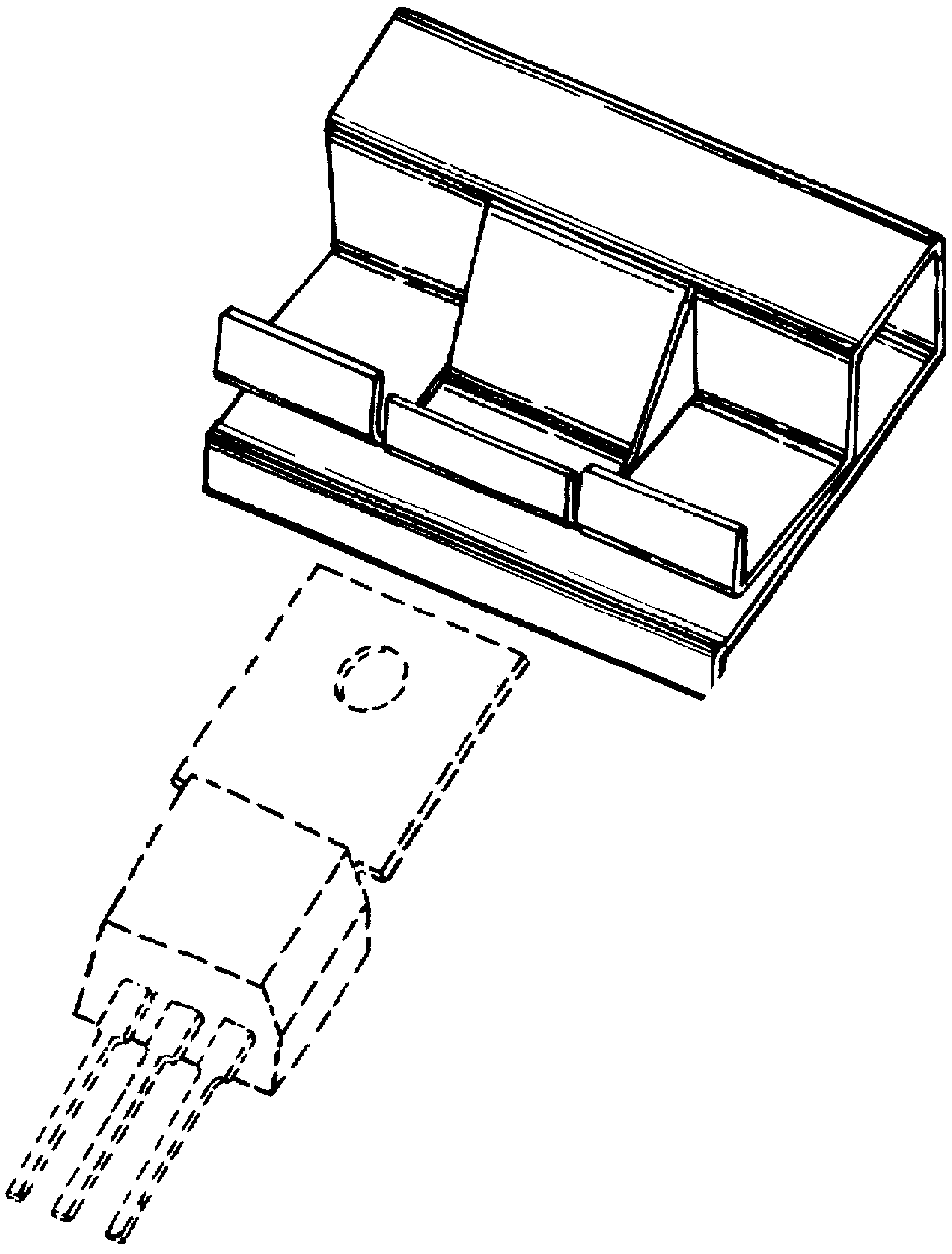
FIG. **3** is a rear elevational view thereof;

FIG. **4** is a side elevational view thereof, looking toward the right side of the heat-sink as it is shown in FIG. **1**;

FIG. **5** is a side elevational view thereof, looking toward the left side of the heat-sink as it is shown in FIG. **1**;

FIG. **6** is a top plan view thereof; and

FIG. **7** is a bottom plan view thereof.



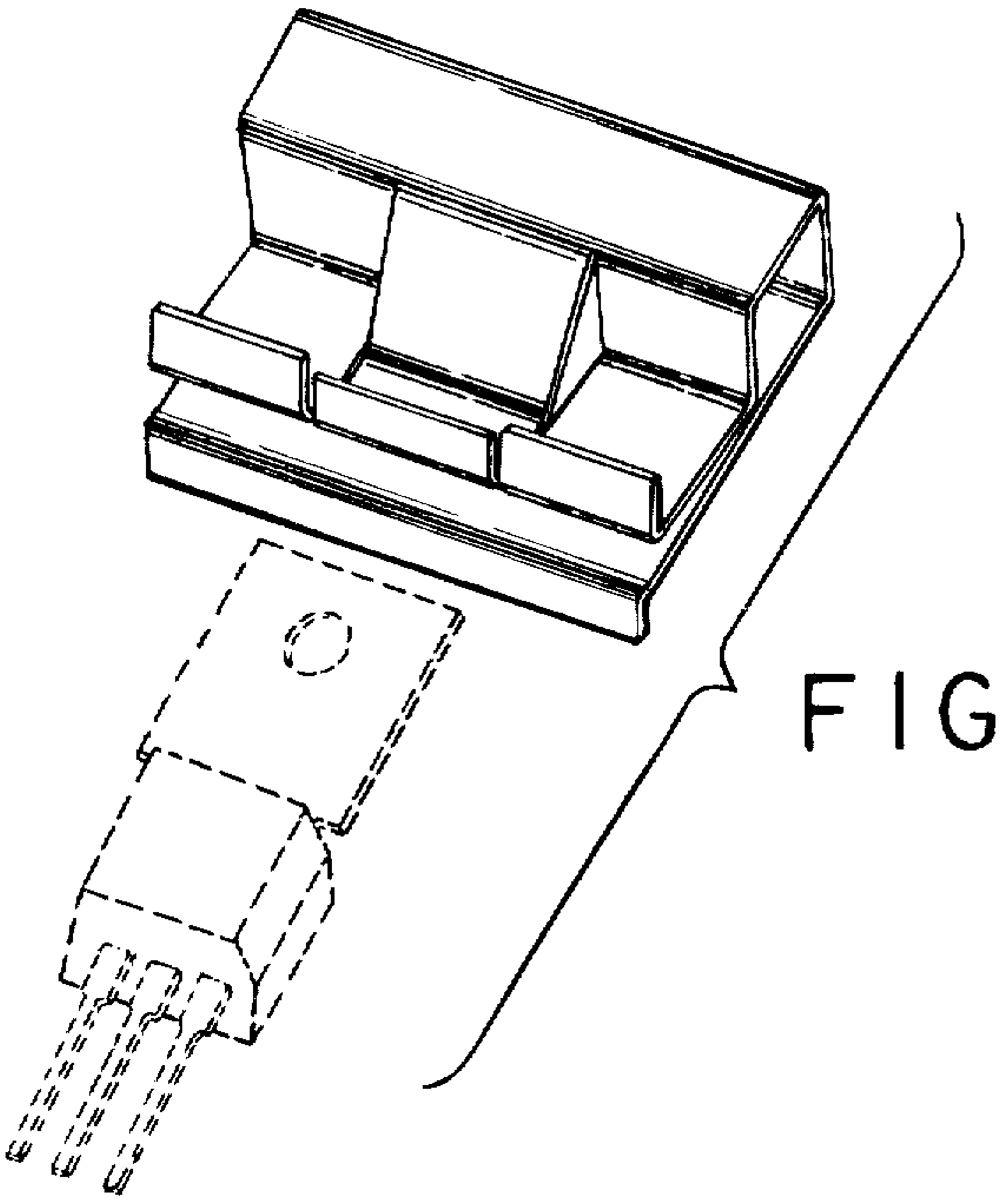
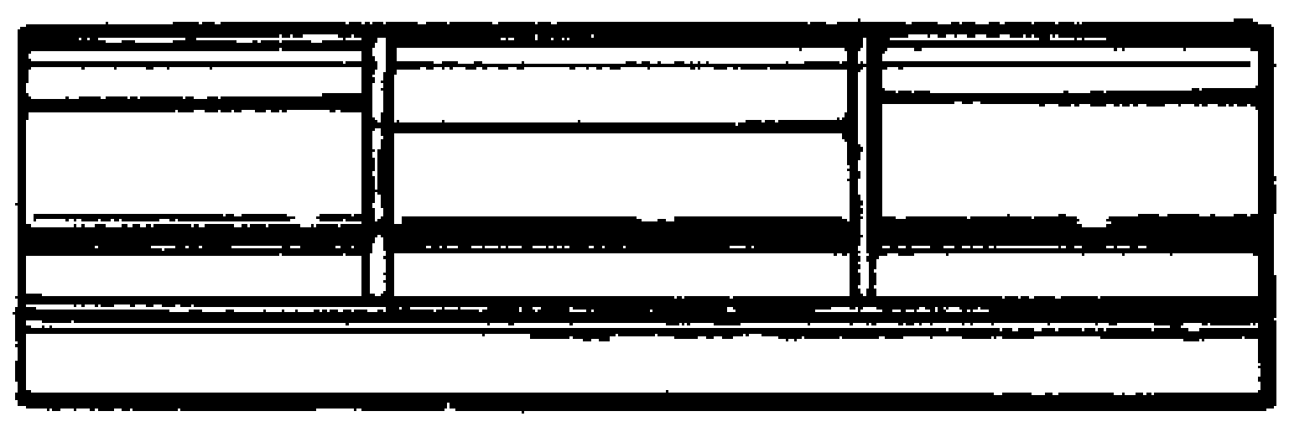


FIG. 1

FIG. 2



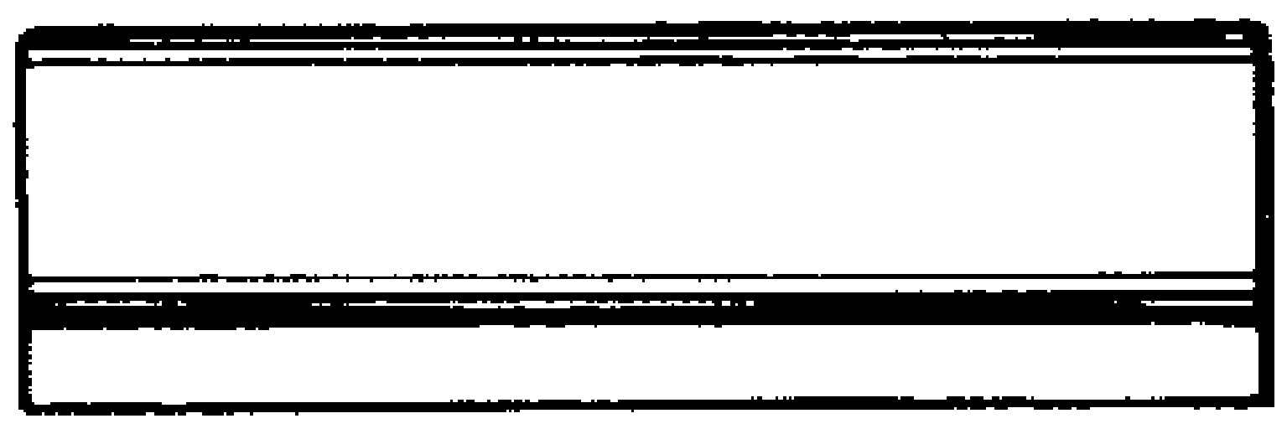


FIG. 3

FIG. 4

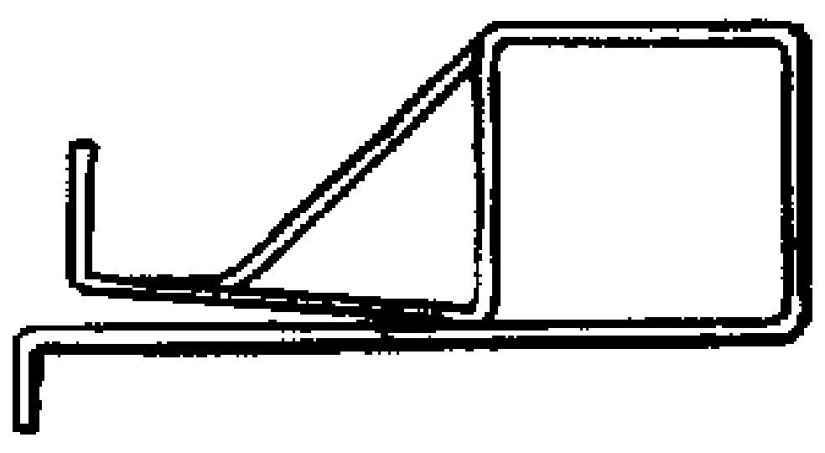
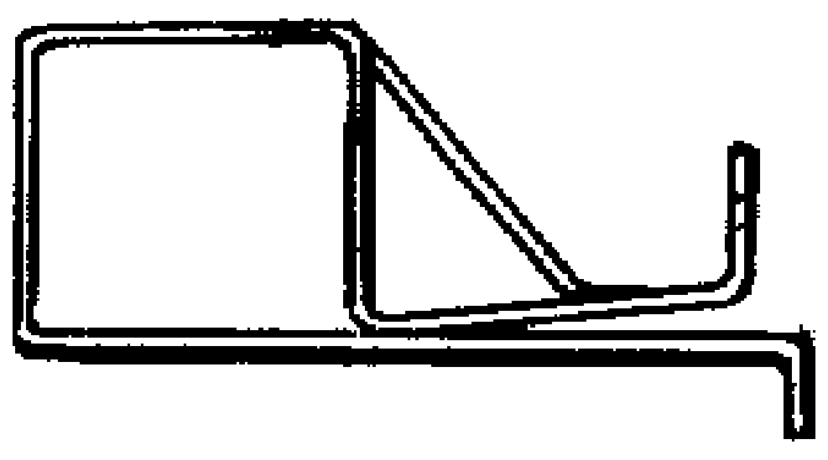


FIG. 5



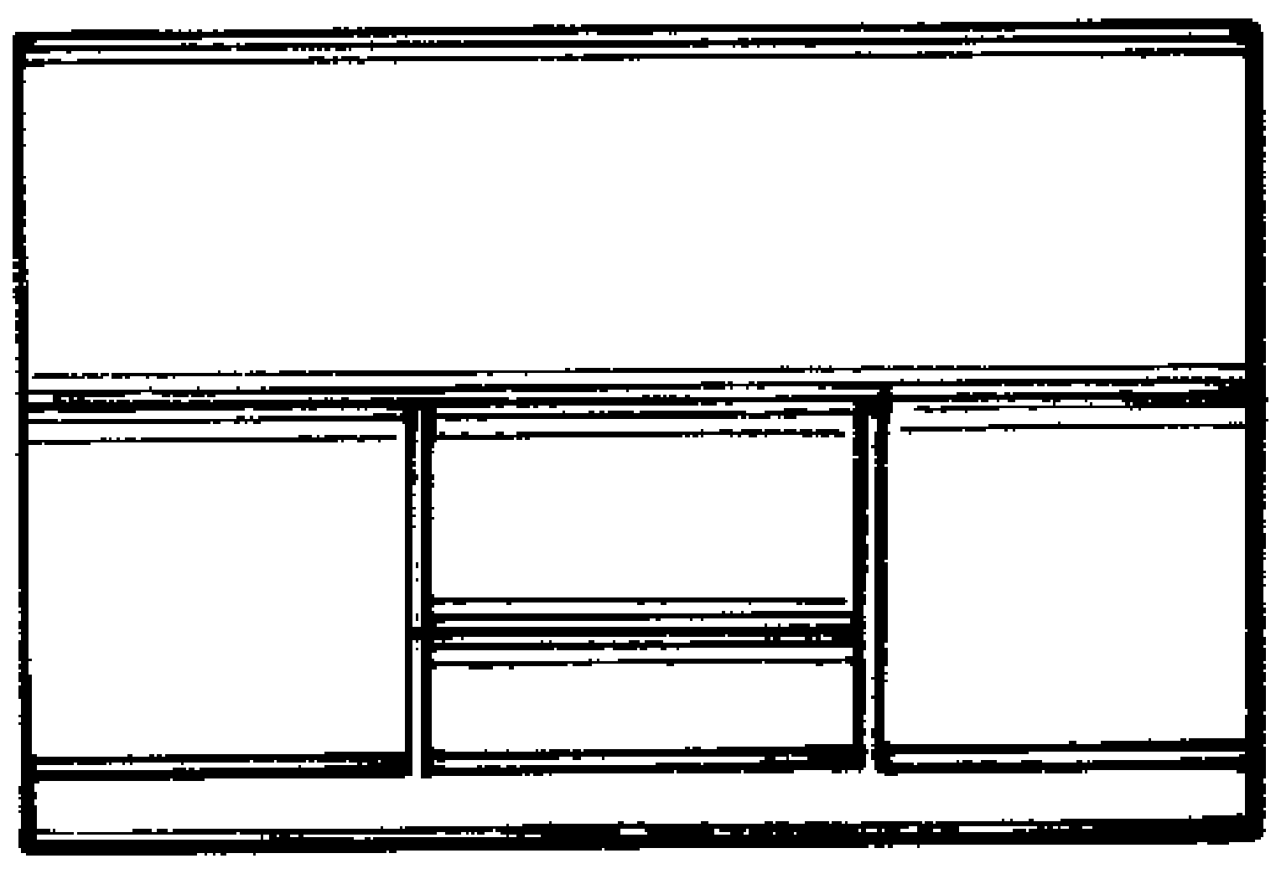


FIG. 6

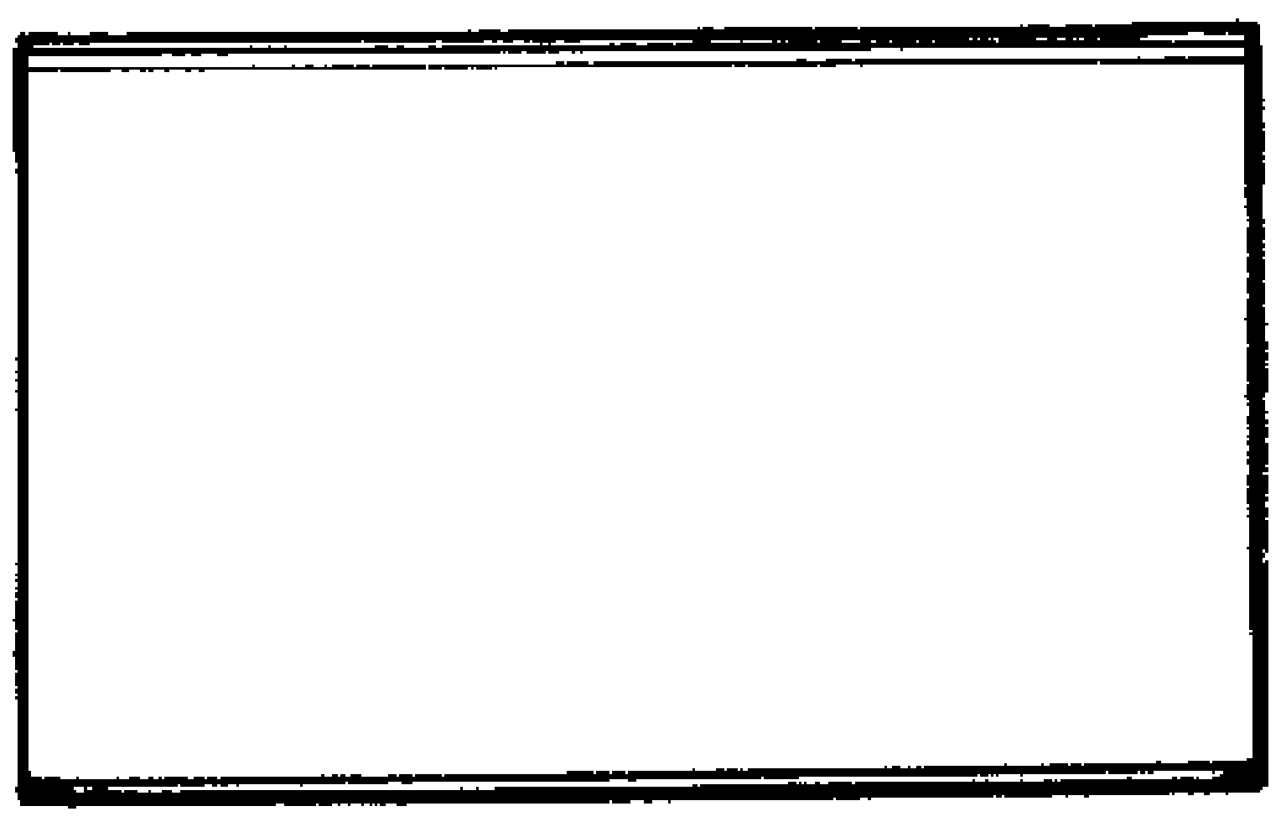


FIG. 7