# United States Patent [19]

## McCarthy

[11] Des. 268,833

[45] \*\* May 3, 1983

[54]	SHEET-METAL HEAT SINK FOR ELECTRONIC SEMICONDUCTOR DEVICES	
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[73]	Assignee:	Aavid Engineering, Inc., Laconia, N.H.
[**]	Term:	14 Years
[21]	Appl. No.:	252,032
[22]	Filed:	Apr. 8, 1981
	Int. Cl. D13—03 U.S. Cl. D13/23 Field of Search D13/23; 174/16 HS; 357/81; 165/80, 80 A, 80 B	
[56] References Cited		
U.S. PATENT DOCUMENTS		
		972 Wilkens et al 174/16 HS X 972 Wilkens et al 174/16 HS X

#### OTHER PUBLICATIONS

Instant Information Catalog, Semiconductor Cooling Aids, 1-73, p. 3, Snap-On Heat Sink #296.

Primary Examiner—Susan J. Lucas Attorney, Agent, or Firm—James E. Mrose

[57]

#### **CLAIM**

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

### **DESCRIPTION**

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

FIG. 2 is a front elevational view of the same heat sink;

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.

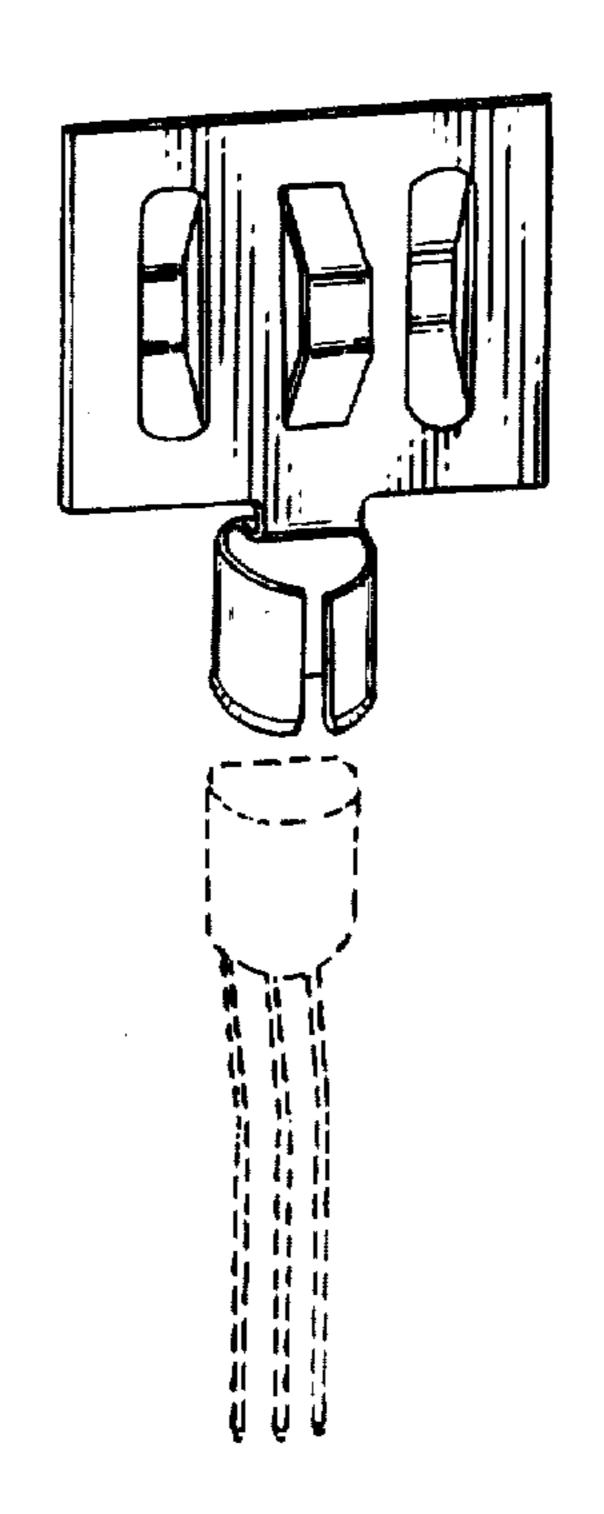


FIG.

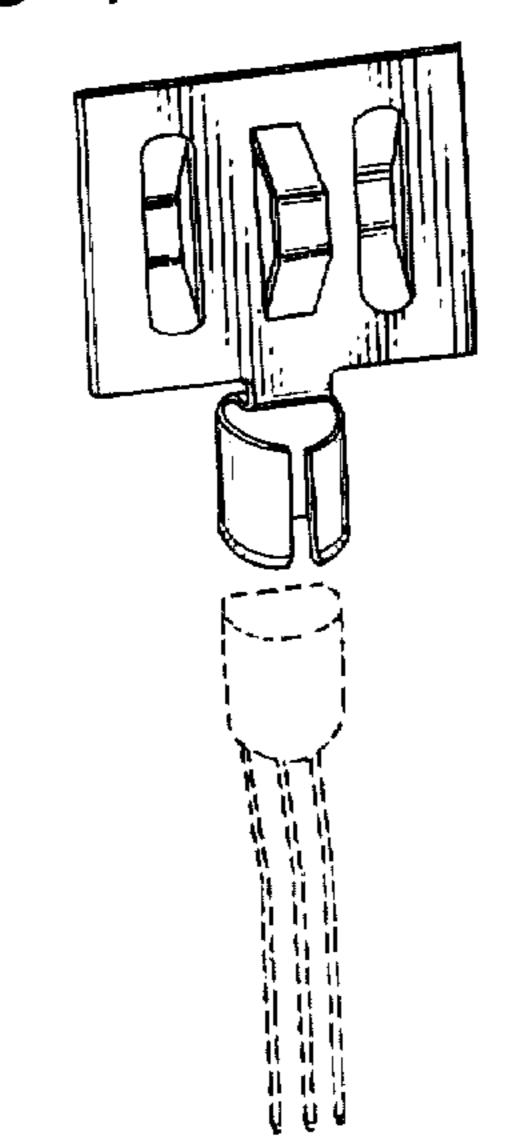


FIG. 2

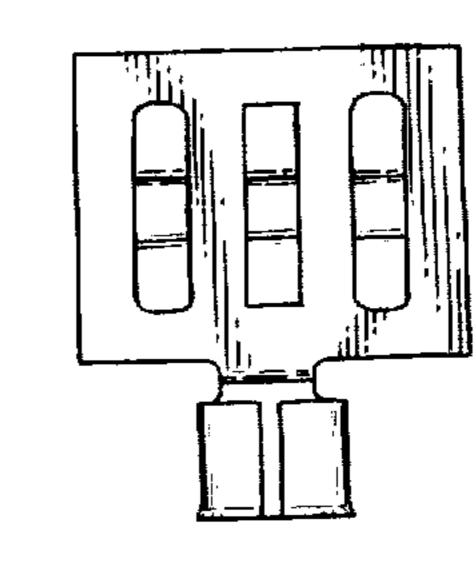
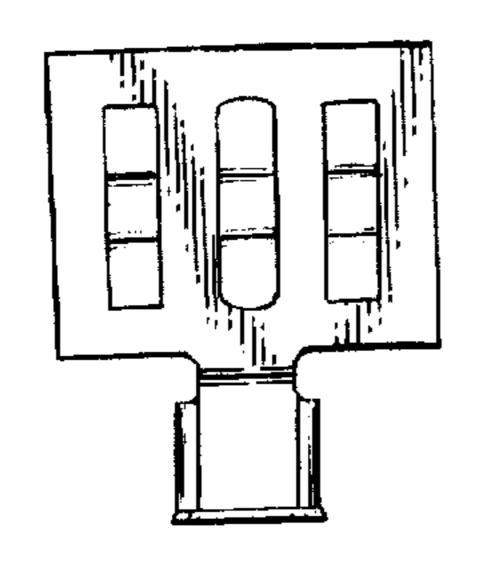


FIG. 3



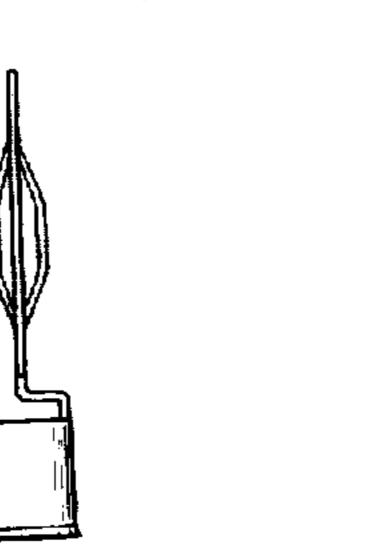


FIG. 4 FIG. 5

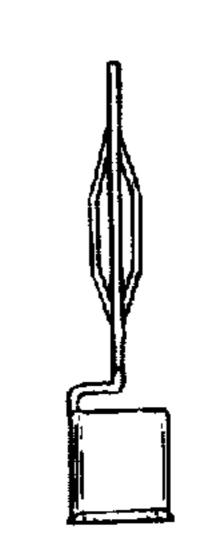


FIG. 6



FIG. 7

