

[54] WINGED-COLLAR HEAT SINK FOR ELECTRONIC DEVICES

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

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

[**] Term: 14 Years

[21] Appl. No.: 32,922

[22] Filed: Apr. 24, 1979

[51] Int. Cl. D13-03

[52] U.S. Cl. D13/23

[58] Field of Search D13/23; 174/16 HS; 165/80, 80 A, 80 B; 357/81

[56] References Cited

U.S. PATENT DOCUMENTS

3,211,822 10/1965 Krall et al. 165/80 B X
3,247,896 4/1966 Chu et al. 165/80 B

OTHER PUBLICATIONS

Allied Electronics 1975 Engineering Manual & Purchasing Guide, p. 51, Type 296 Snap-on Heat Sink. Tor Semiconductor, Heat Sinks & Cooling Accessories, Cat. #10, p. 7, Series 400, "Flag Coolers".

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

[57] CLAIM

The ornamental design for a winged-collar heat sink for electronic devices, substantially as shown.

DESCRIPTION

FIG. 1 is a perspective view of a winged-collar heat sink for electronic 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.

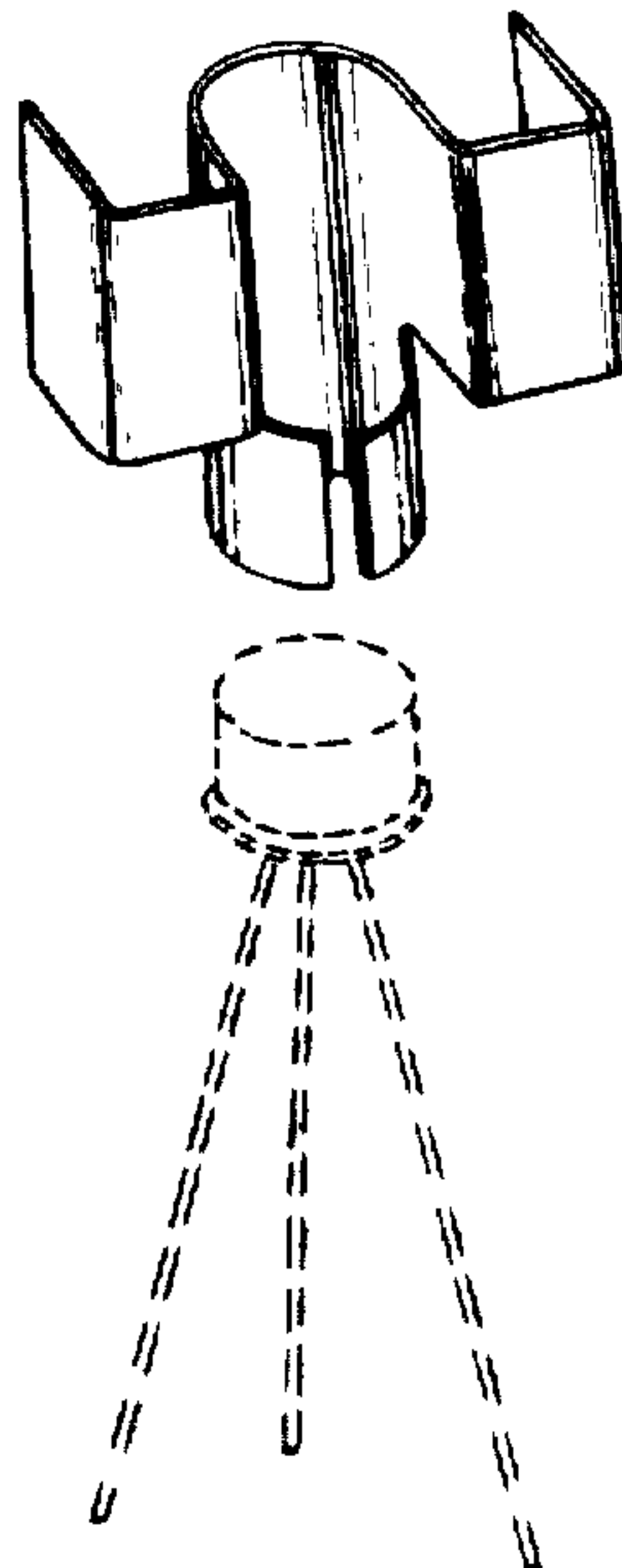


FIG. 1

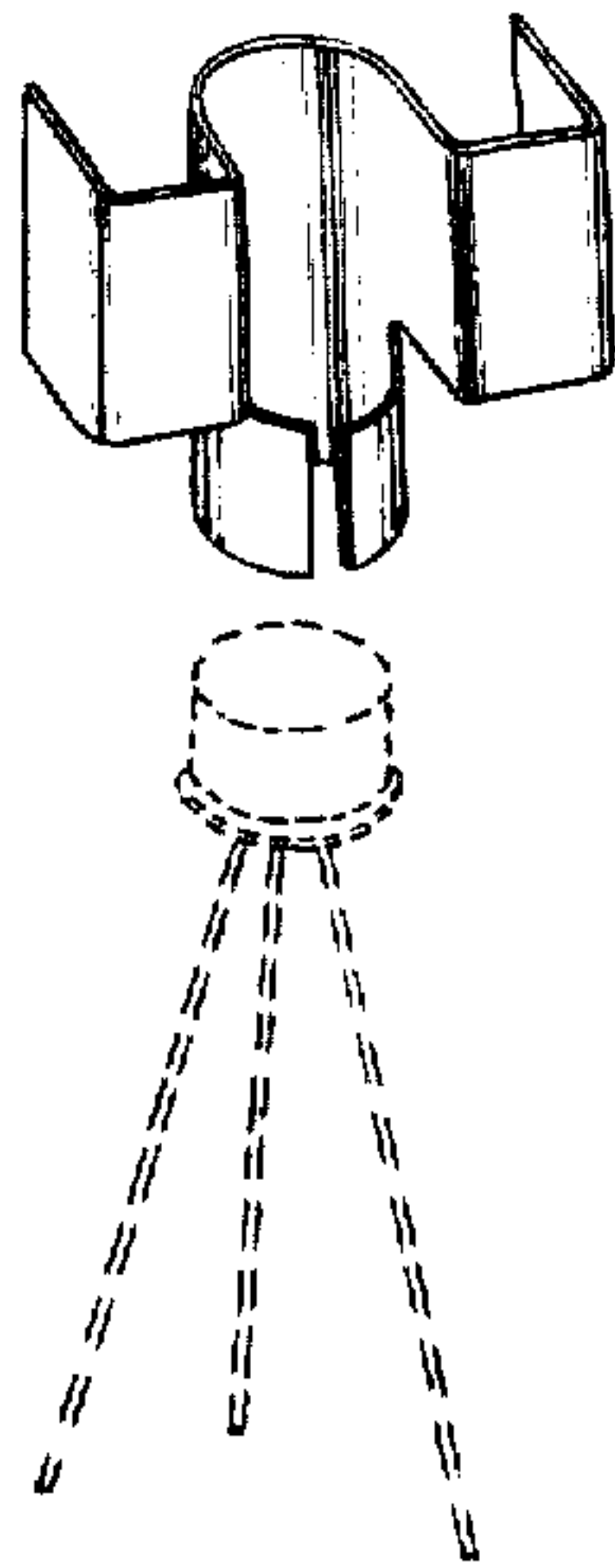


FIG. 2

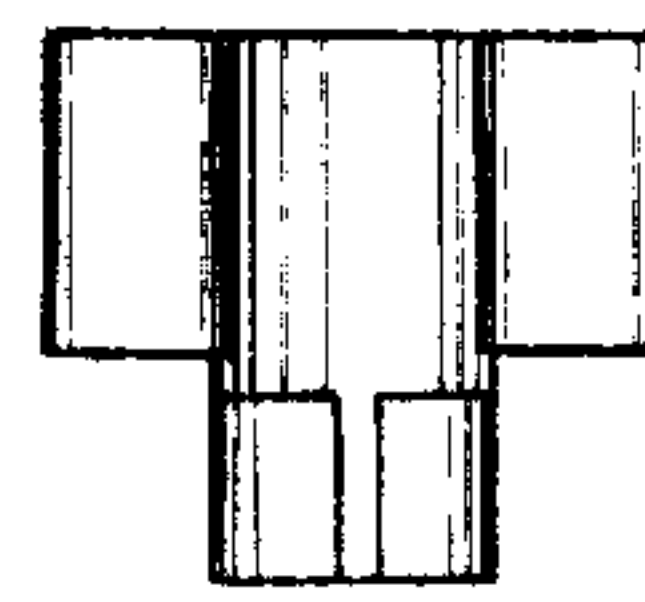


FIG. 3

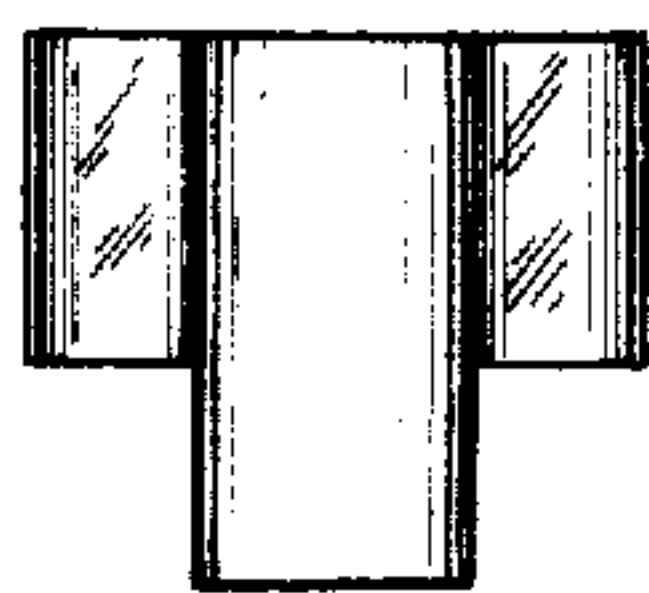


FIG. 4



FIG. 5



FIG. 6

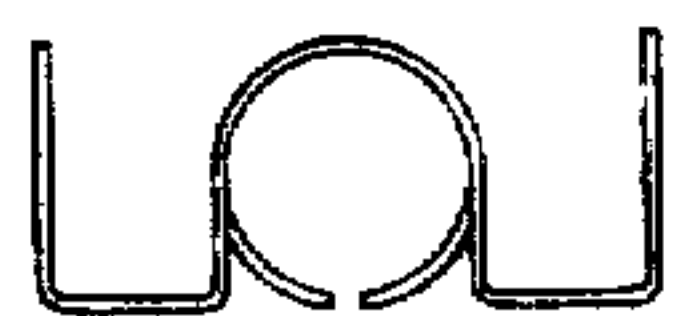


FIG. 7

