

[54] FIREPLACE HEATER

[75] Inventors: Donald A. Boyd, Euclid; Allen W. Gale, Rocky River, both of Ohio

[73] Assignee: Cardinal American Corporation, Cleveland, Ohio

[\*\*] Term: 14 Years

[21] Appl. No.: 867,422

[22] Filed: Jan. 5, 1978

[51] Int. Cl. .... D23-03; D7-08

[52] U.S. Cl. .... D23/95; D7/207

[58] Field of Search ..... D7/206, 207; D23/92, D23/93, 94, 95, 96, 97; 126/120, 121, 163, 164, 165

[56]

References Cited

U.S. PATENT DOCUMENTS

D. 248,565	7/1978	Watson .....	D23/94
4,088,114	5/1978	Johnson .....	126/121 X
4,114,590	9/1978	Frahm .....	126/121

Primary Examiner—Wallace R. Burke

Assistant Examiner—Catherine Kemper

[57]

CLAIM

The ornamental design for a fireplace heater, substantially as shown.

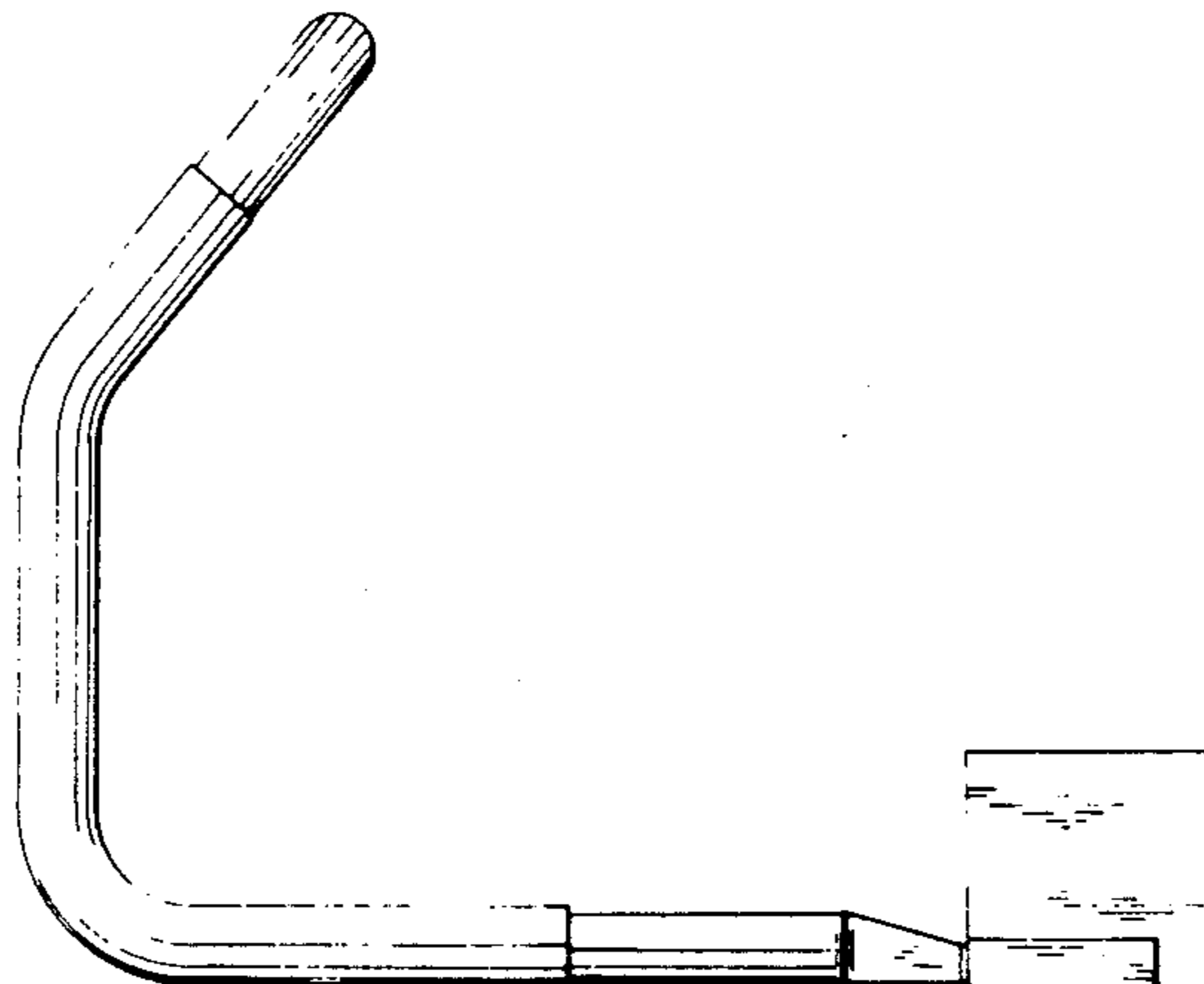
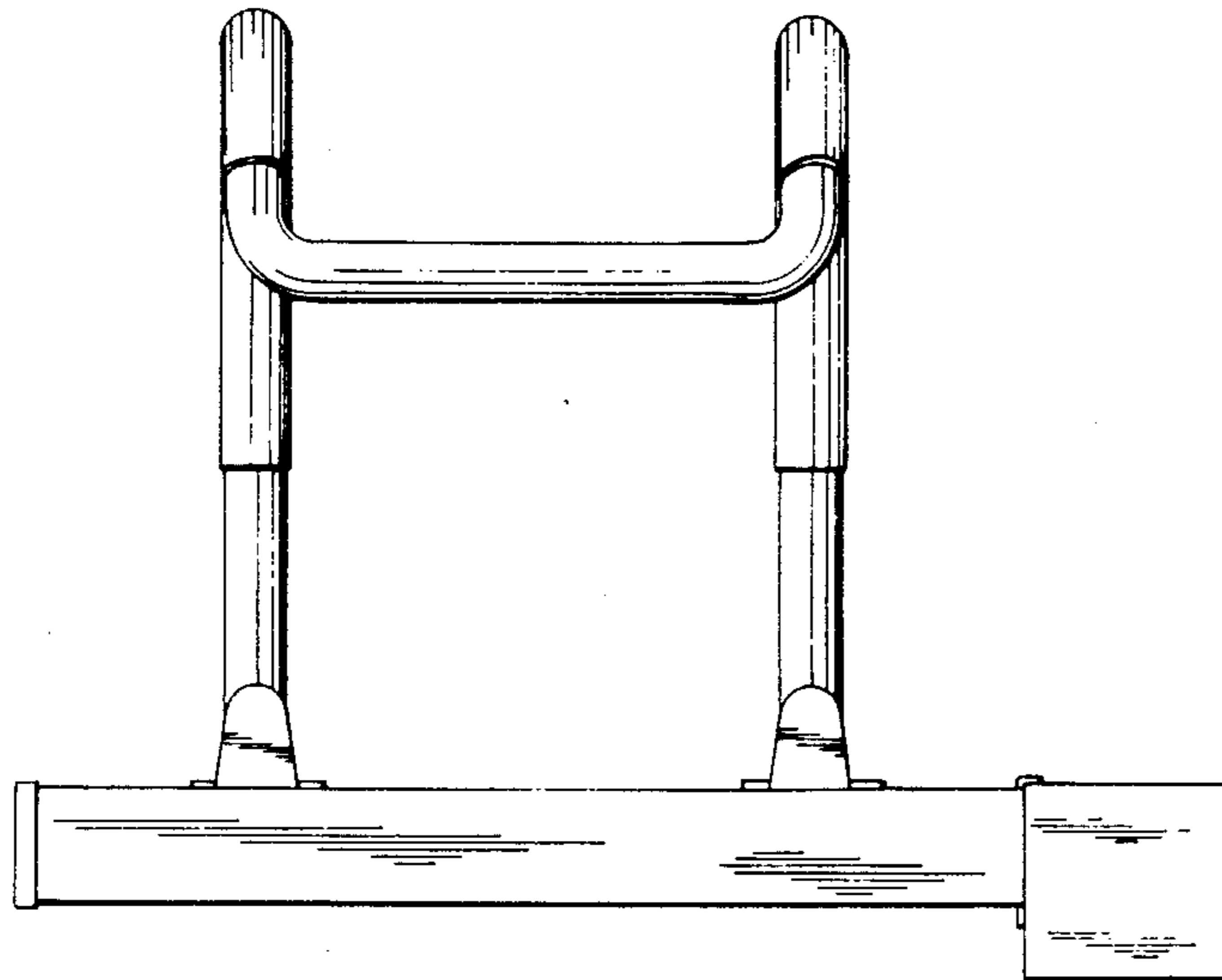
DESCRIPTION

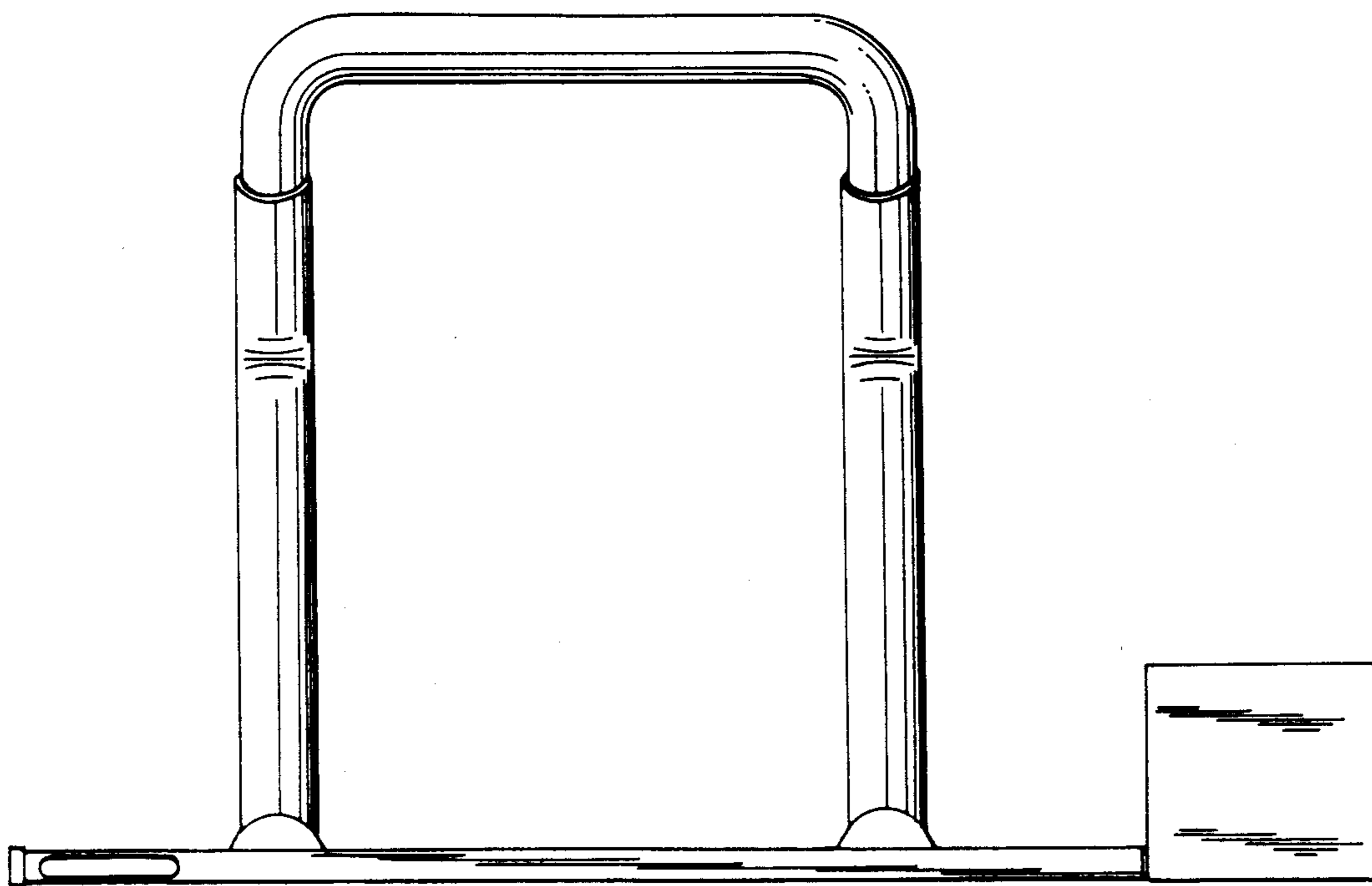
FIG. 1 is a top plan view of a fireplace heater showing our new design;

FIG. 2 is a side elevational view of one side;

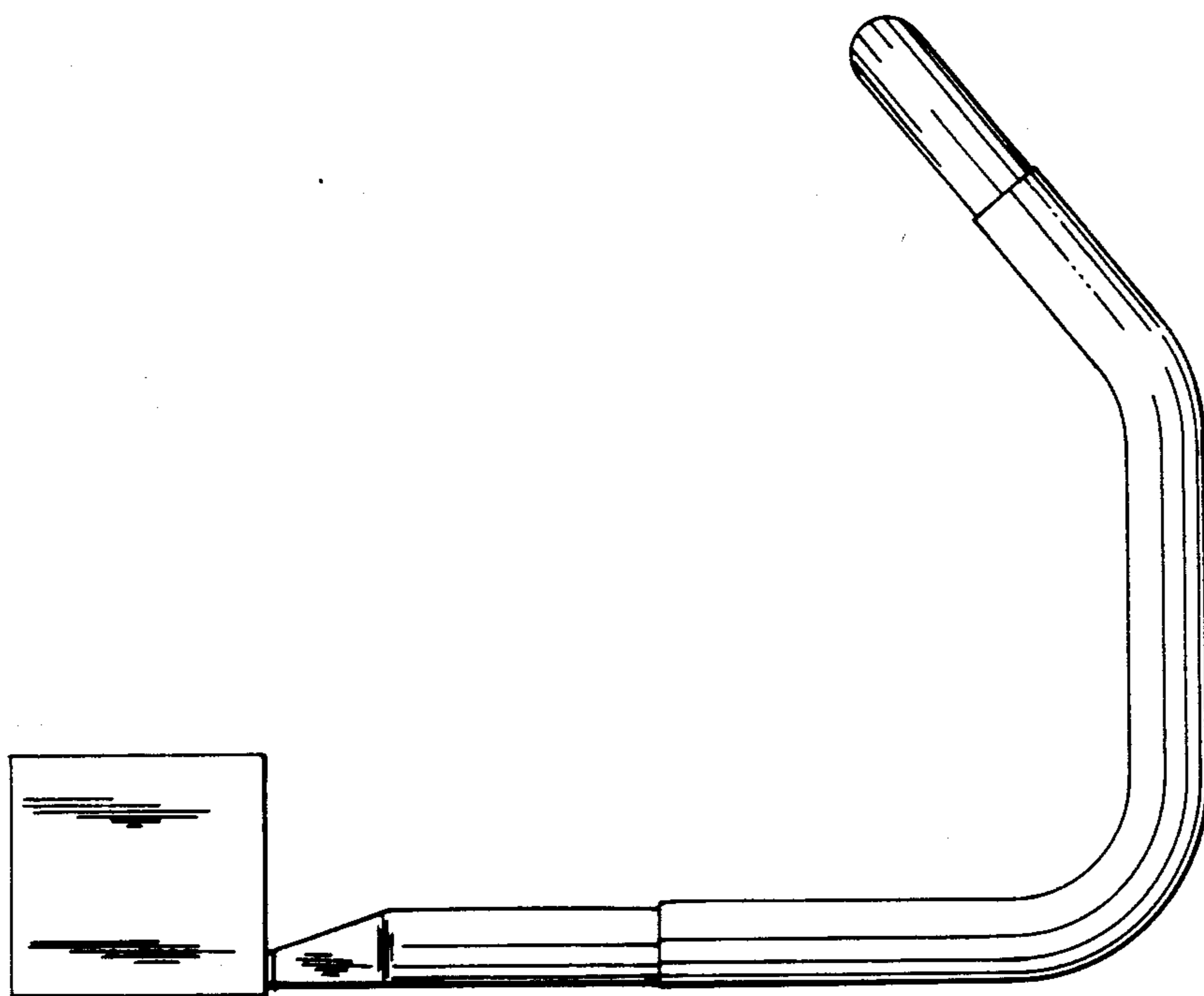
FIG. 3 is a front elevational view; and

FIG. 4 is a side elevational view of the other side thereof.





*Fig. 3*



*Fig. 4*

[54] FIREPLACE HEAT EXCHANGE TUBING DEVICE

4,103,670 8/1978 Bergs ..... 126/121  
4,112,914 9/1978 Brown ..... 126/121

[76] Inventor: Ronald C. DiDonato, 6200 W. Ohio Ave., Lakewood, Colo. 80226

Primary Examiner—Susan J. Lucas  
Assistant Examiner—Catherine Kemper  
Attorney, Agent, or Firm—W. Britton Moore

[\*\*] Term: 14 Years

[57] CLAIM

[21] Appl. No.: 818,822

The ornamental design for a fireplace heat exchange tubing device, substantially as shown.

[22] Filed: Jul. 25, 1977

[51] Int. Cl. .... D23—03

[52] U.S. Cl. .... D23/136; D23/127

[58] Field of Search ..... D23/93, 94, 95, 96, D23/97, 127, 136, 43, 45; D7/206; 126/120, 121, 135, 134; 237/51, 55

DESCRIPTION

FIG. 1 is a perspective view of a fireplace heat exchange tubing device showing my new design; FIG. 2 is a plan view thereof; FIG. 3 is a side elevational view thereof; FIG. 4 is an end elevational view thereof; and FIG. 5 is an elevational view of the opposite end thereof.

[56] References Cited

U.S. PATENT DOCUMENTS

4,060,196 11/1977 Goldsby et al. .... 126/121 X  
4,102,320 7/1978 Mastropole ..... 126/121

The broken line disclosure of an air inlet fan and grille and an outlet grille in FIG. 1 is for illustrative purposes only and forms no part of the claimed design.

