



US00D405519S

United States Patent [19]
Osendorf et al.

[11] **Patent Number: Des. 405,519**
[45] **Date of Patent: **Feb. 9, 1999**

[54] **FILTER ELEMENT FRAME MEMBER**

[75] Inventors: **Richard J. Osendorf**, West St. Paul;
Brad Alan Terlson, Maple Grove;
Wallace Ronald Saldin, Bloomington;
Eugene Joseph Takach, Jr., Eden
Prairie, all of Minn.

[73] Assignees: **Donaldson Company; Honeywell, Inc.**,
both of Minneapolis, Minn.

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

[21] Appl. No.: **61,578**

[22] Filed: **Oct. 25, 1996**

[51] **LOC (6) Cl.** **23-04**

[52] **U.S. Cl.** **D23/365; D23/386**

[58] **Field of Search** **D23/365, 386;**
210/483; 55/DIG. 35, 497

4,946,484 8/1990 Monson et al. .
4,963,171 10/1990 Osendorf .
5,098,767 3/1992 Linnersten 55/497
5,183,488 2/1993 Deering .
5,273,563 12/1993 Pasch et al. .
5,273,564 12/1993 Hill .
5,290,345 3/1994 Osendorf et al. .
5,322,117 6/1994 Guetersloh et al. .

FOREIGN PATENT DOCUMENTS

1164413 6/1989 Japan 55/497
4131116 5/1992 Japan 55/497

Primary Examiner—Lisa Lichtenstein
Attorney, Agent, or Firm—Merchant, Gould, Smith, Edell,
Welter & Schmidt, P. A.

[57] **CLAIM**

The ornamental design for filter element frame member, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a filter element frame member;
FIG. 2 is a right side elevational view of FIG. 1, the left side elevational view being a mirror image thereof and having an identical appearance;
FIG. 3 is a front side elevational view of FIG. 1, the back side elevational view being a mirror image thereof and having an identical appearance;
FIG. 4 is a bottom plan view of FIG. 1; and,
FIG. 5 is a top plan view of FIG. 1.

1 Claim, 4 Drawing Sheets

[56] **References Cited**

U.S. PATENT DOCUMENTS

3,168,917 2/1965 Bartels .
3,292,349 12/1966 Cuta .
3,712,033 1/1973 Gronholz .
3,778,985 12/1973 Daigle et al. .
3,789,589 2/1974 Delaney et al. .
4,086,071 4/1978 Champlin .
4,512,891 4/1985 Wright et al. .
4,617,122 10/1986 Kruse et al. .
4,701,196 10/1987 Delany .
4,819,549 4/1989 Gillingham et al. .
4,883,513 11/1989 Monson et al. .

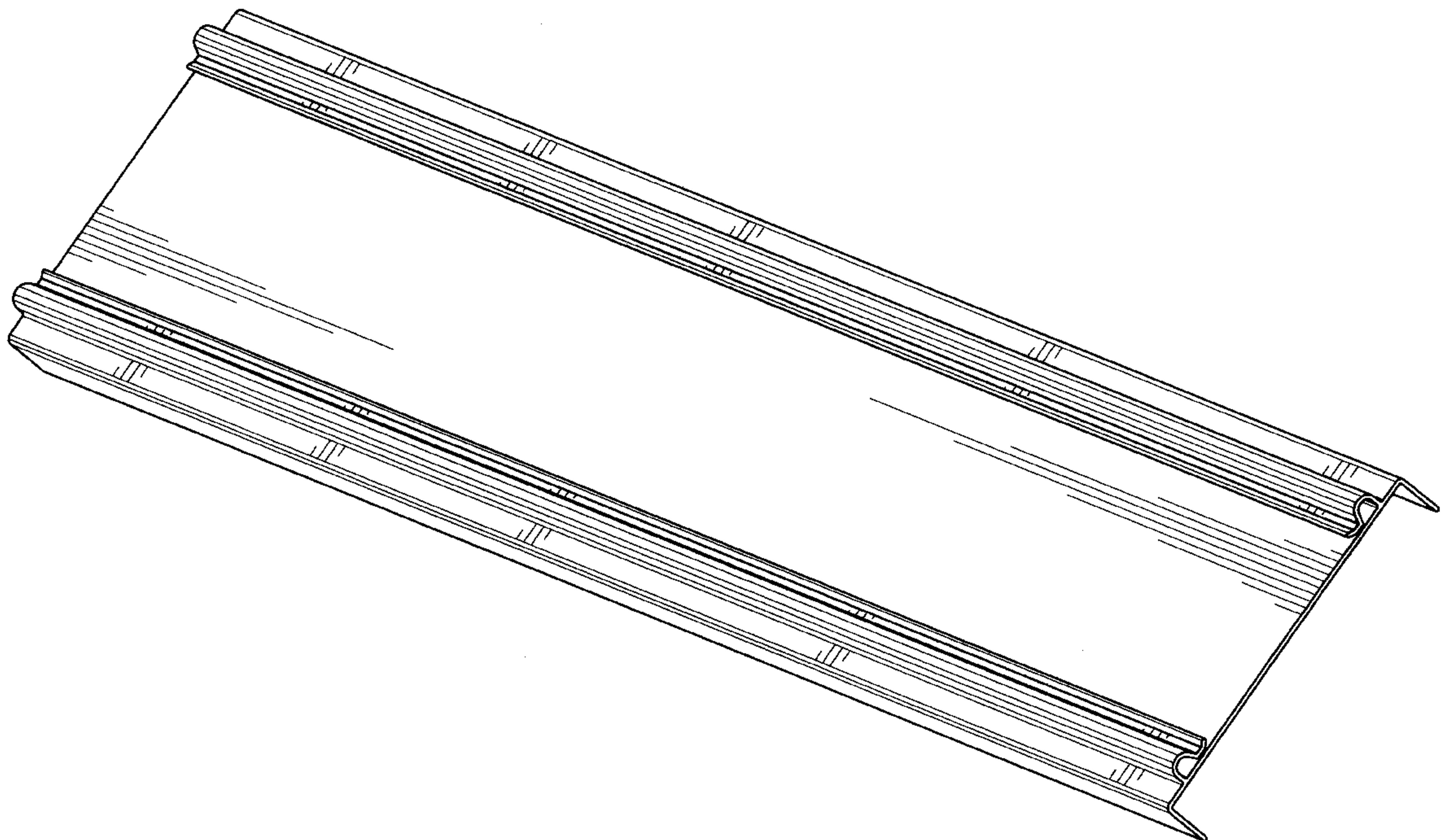


FIG. 1

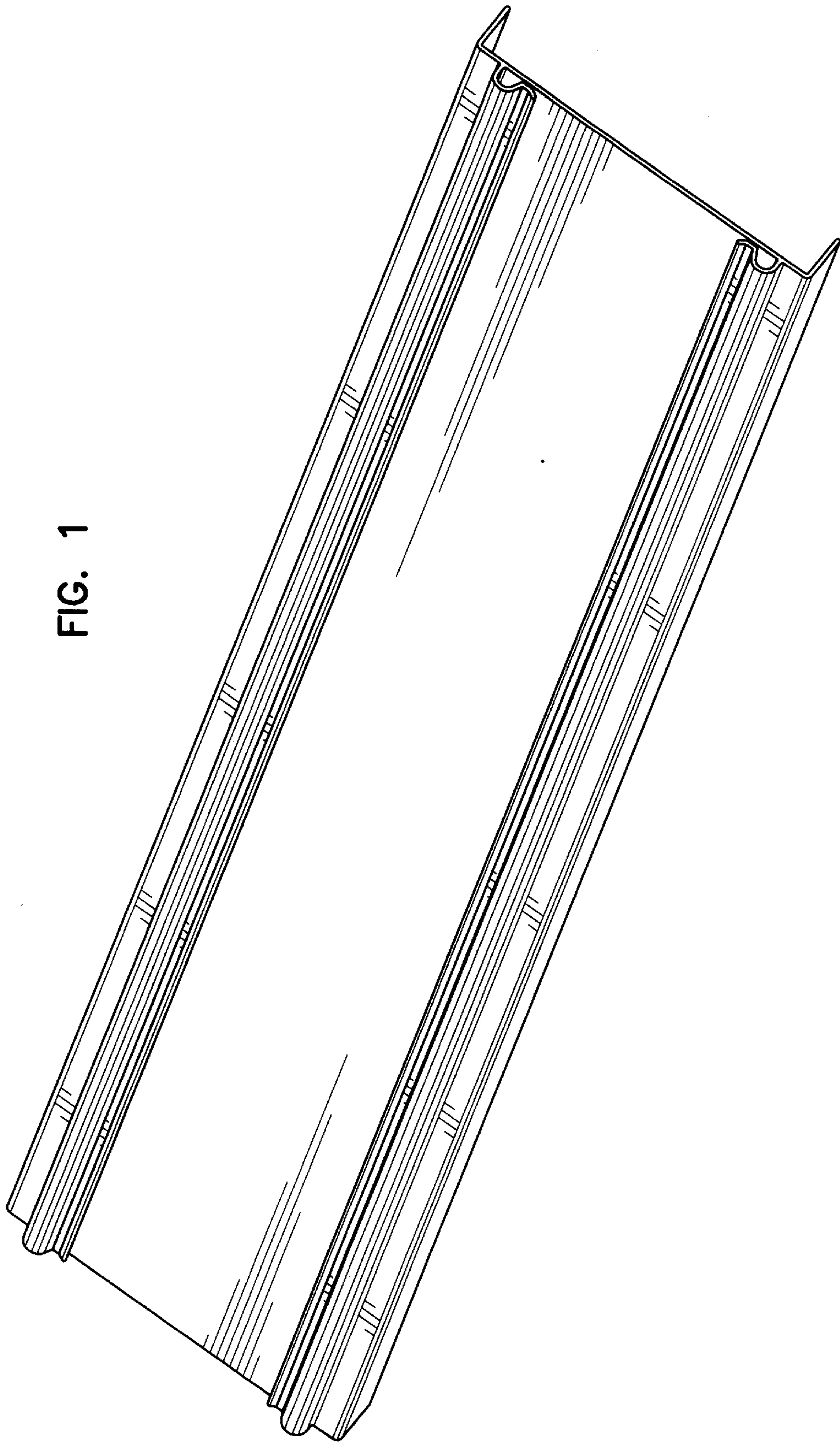


FIG. 2

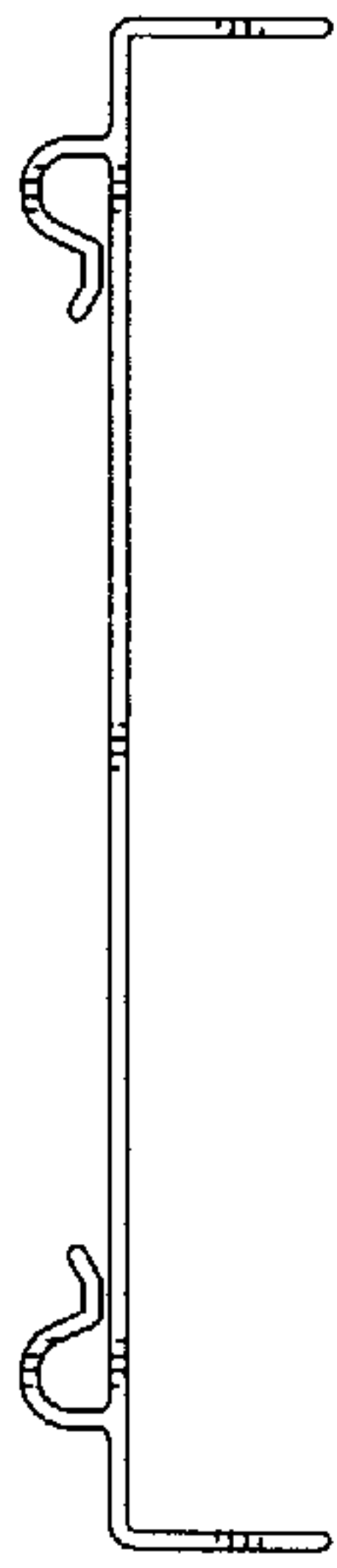


FIG. 3

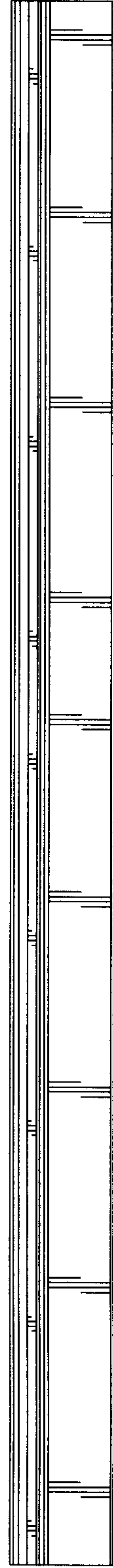


FIG. 4

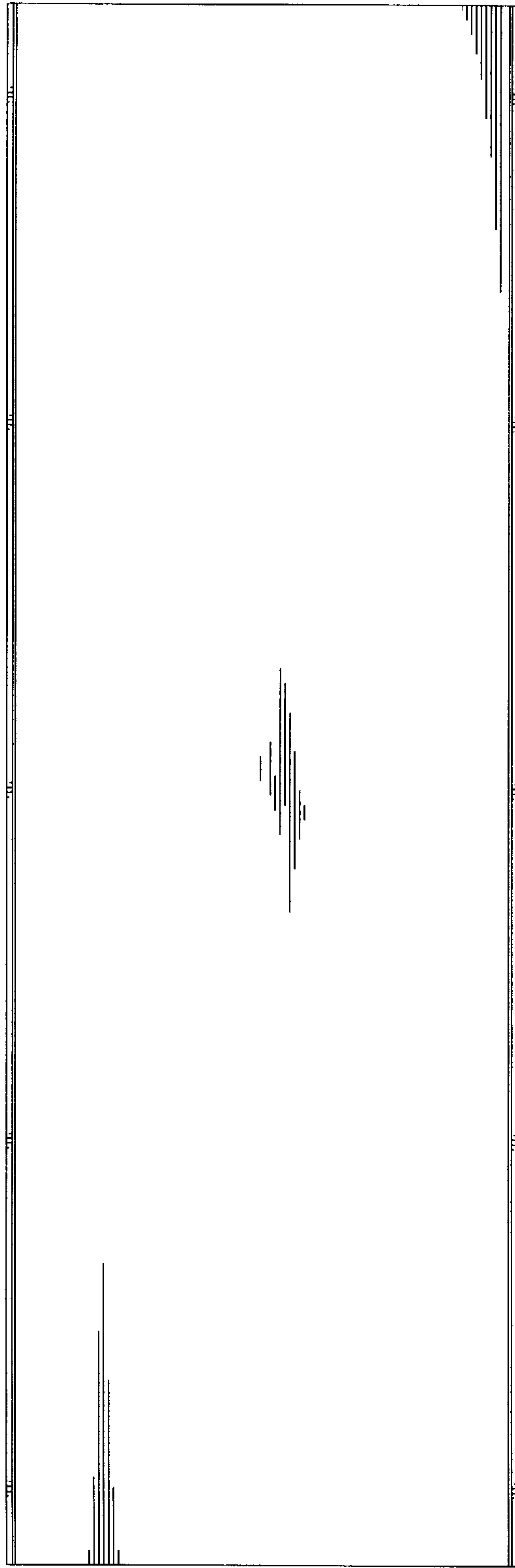


FIG. 5

