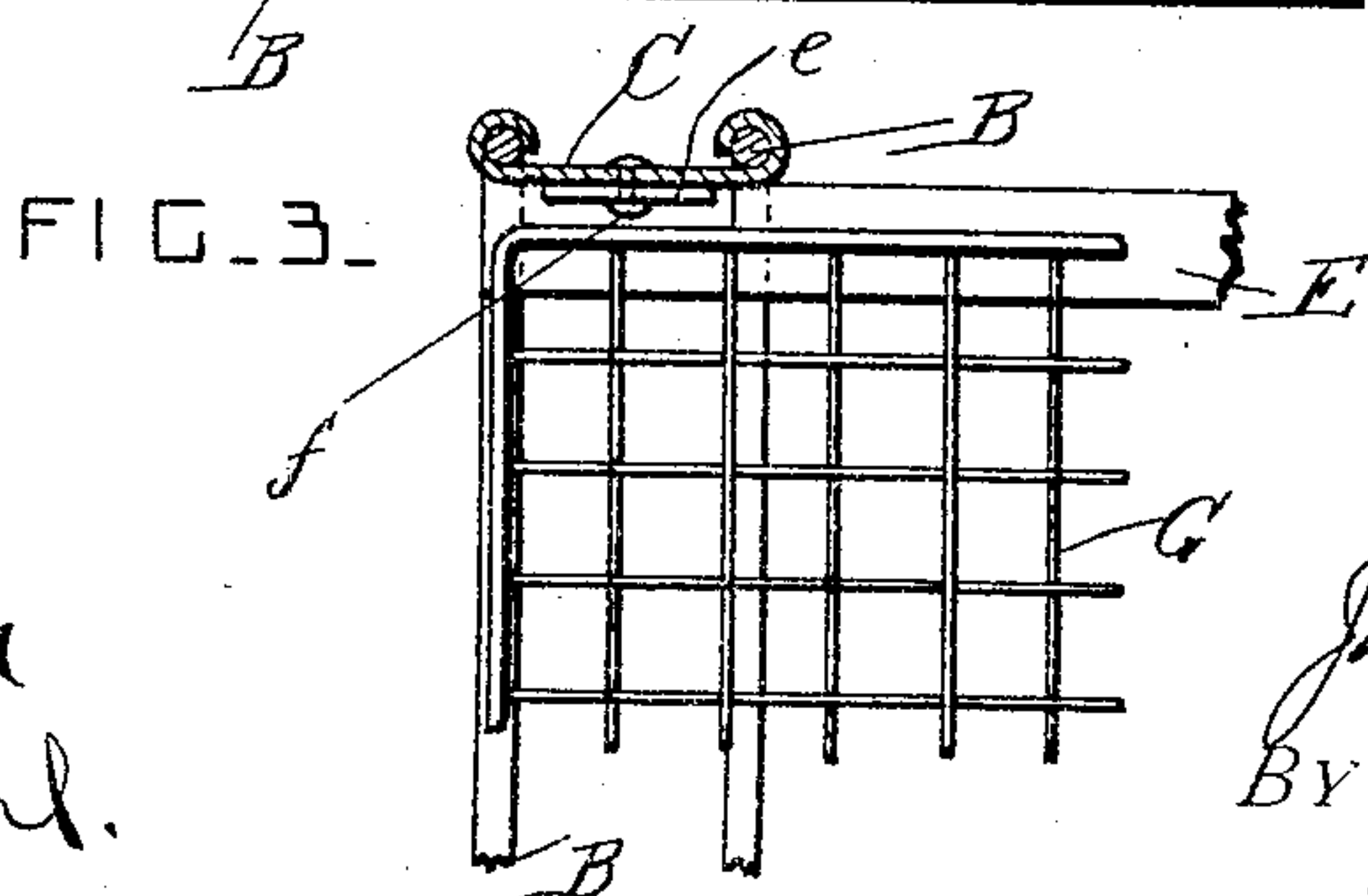
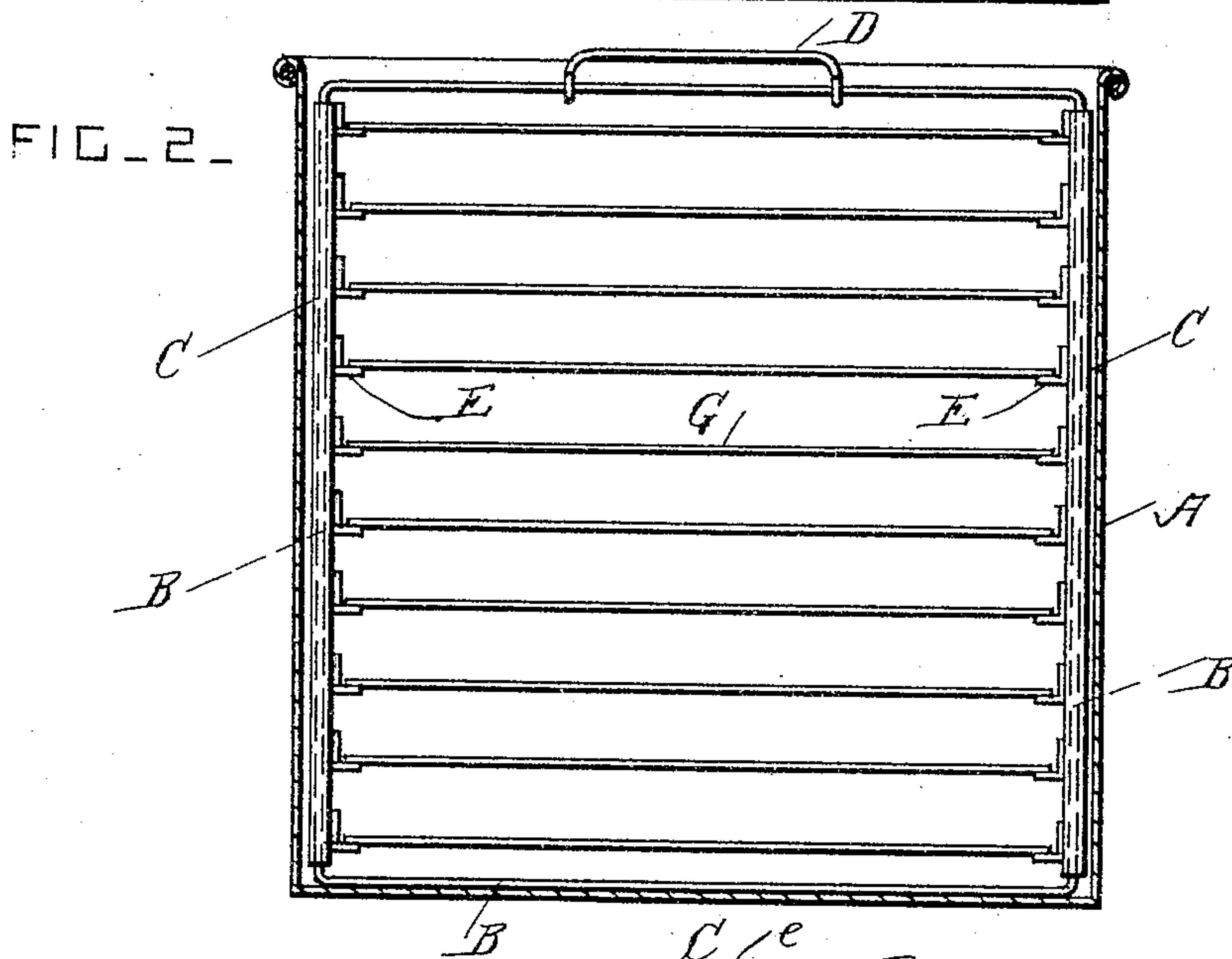
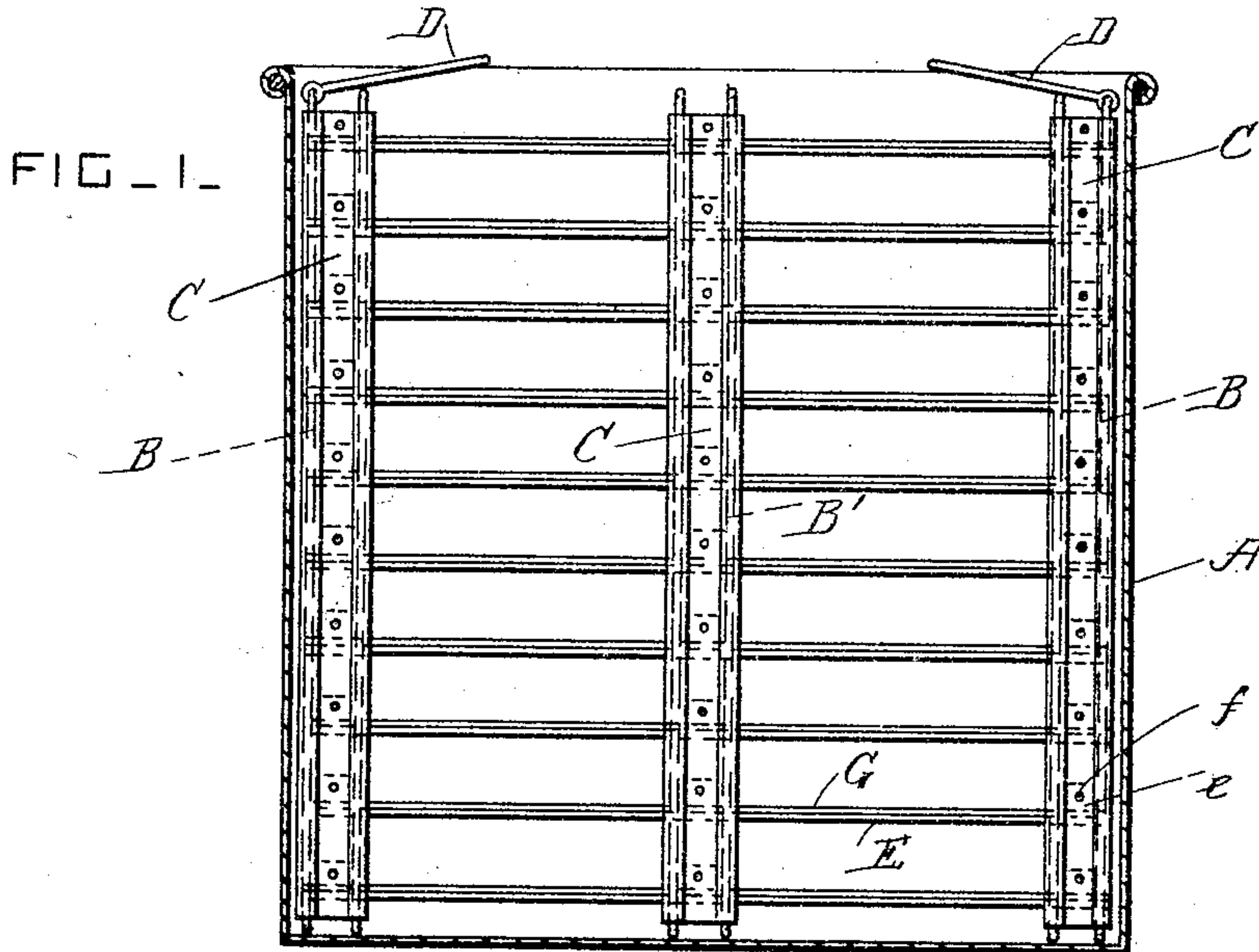


No. 778,032.

PATENTED DEC. 20, 1904.

J. HARRISON.
CRULLER FRYING MACHINE.
APPLICATION FILED MAR. 22, 1904.

NO MODEL.



WITNESSES:

James M. Allen
for A. Kochl.

INVENTOR

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BY

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Attorney

UNITED STATES PATENT OFFICE.

JOHN HARRISON, OF BRYN MAWR, PENNSYLVANIA.

CRULLER-FRYING MACHINE.

SPECIFICATION forming part of Letters Patent No. 778,032, dated December 20, 1904.

Application filed March 22, 1904. Serial No. 199,350.

To all whom it may concern:

Be it known that I, JOHN HARRISON, a citizen of the United States, residing at Bryn Mawr, in the county of Montgomery and State of Pennsylvania, have invented certain new and useful Improvements in Cruller-Frying Machines; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to apparatus for cooking crullers; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a side view of the cooker, showing the boiler in section. Fig. 2 is an end view of the cooker, also showing the boiler in section. Fig. 3 is a cross-section through the side portion of one of the frames, showing also a portion of one of the trays which support the crullers.

A is the boiler, which consists of a rectangular vessel of sheet metal.

B B are two end frames, and B' is a middle frame. All these frames are similar in construction. Each frame consists of two rectangular panels of wire arranged in parallel planes at a little distance apart. The side portions of each panel are braced and secured together by means of channel-shaped uprights C, the edges or flanges of which are bent around the wires so as to inclose them.

D represents wire handles which are pivoted to the two end frames.

E represents guide-bars which are secured to the frames in a series one above the other by means of flanges *e* and rivets or bolts *f*. These guide-bars are arranged in pairs, one

at each side of the cooker and level with each other.

G represents trays of woven wire which are slidable in the frames upon the said guide-bars. As many trays as desired may be used, and they may be of any desired size; but it is found desirable and convenient to make the cooker with nine trays, so as to afford support for twelve dozen crullers at one time. The crullers are arranged on the trays, and the trays and frames are placed in the boiler with sufficient cooking oil or fat to cover the crullers. The boiler is placed on a stove and the crullers are cooked by the boiling oil or fat.

What I claim is—

1. In a cooker, the combination, with a rectangular boiler, of rectangular frames arranged in parallel planes, straight guide-bars secured to the side portions of the said frames and connecting them together and arranged one above the other, and trays slidable longitudinally on the said guide-bars.

2. In a cooker, the combination, with a rectangular boiler, of rectangular frames arranged in parallel planes, each said frame comprising two parallel panels or loops of wire arranged at a short distance apart, and channel-shaped uprights secured to the side portions of the said panels; straight guide-bars secured to the said uprights and arranged one above the other and coupling the said frames together, and trays slidable on the said guide-bars.

In testimony whereof I have affixed my signature in the presence of two witnesses.

JOHN HARRISON.

Witnesses:

JOHN HARRISON, Jr.,
DAVID F. BERRYMAN.