

E. M. CRANDAL.
Shipping-Can.

No. 227,615.

Patented May 18, 1880.

Fig. 1.

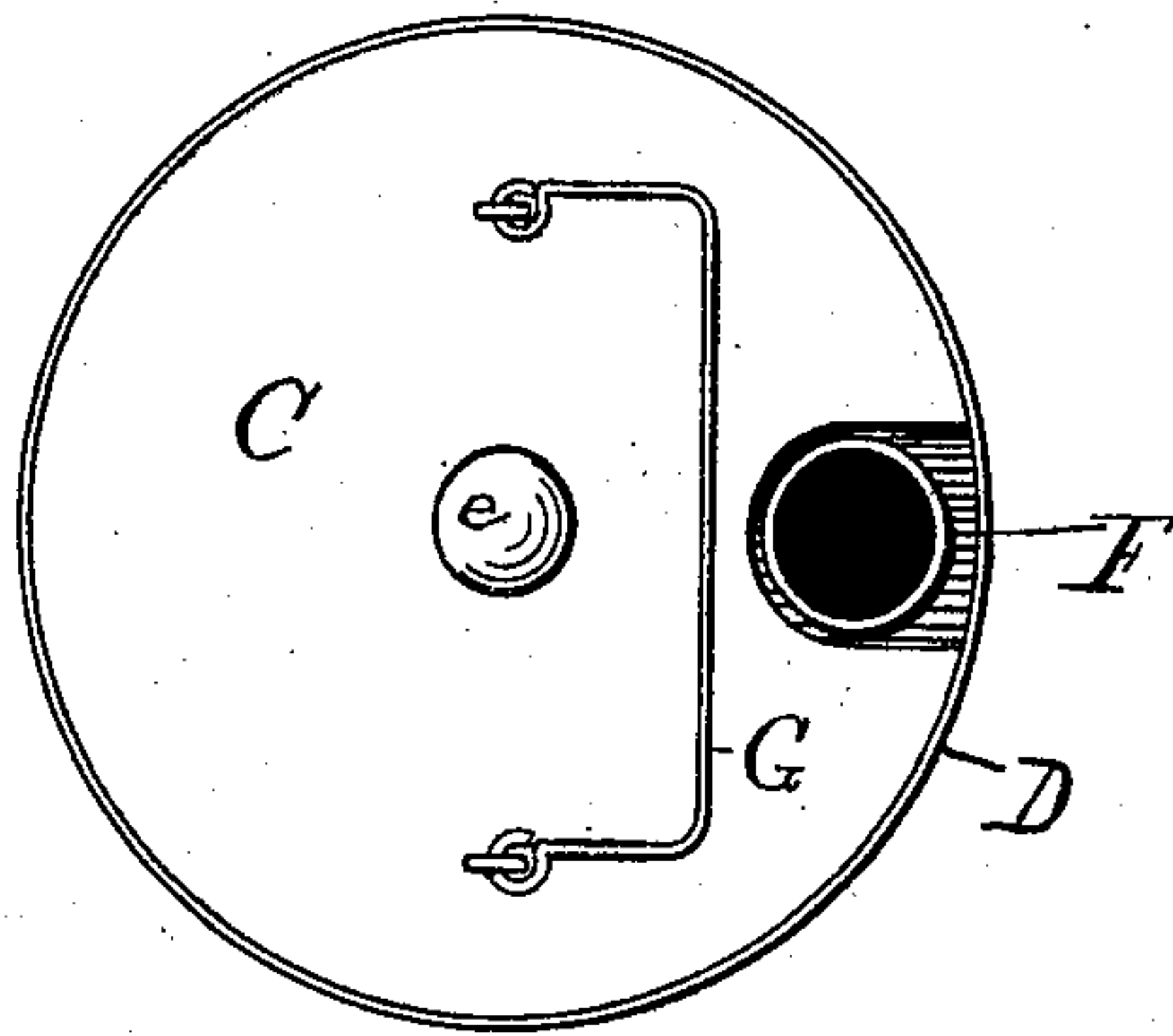
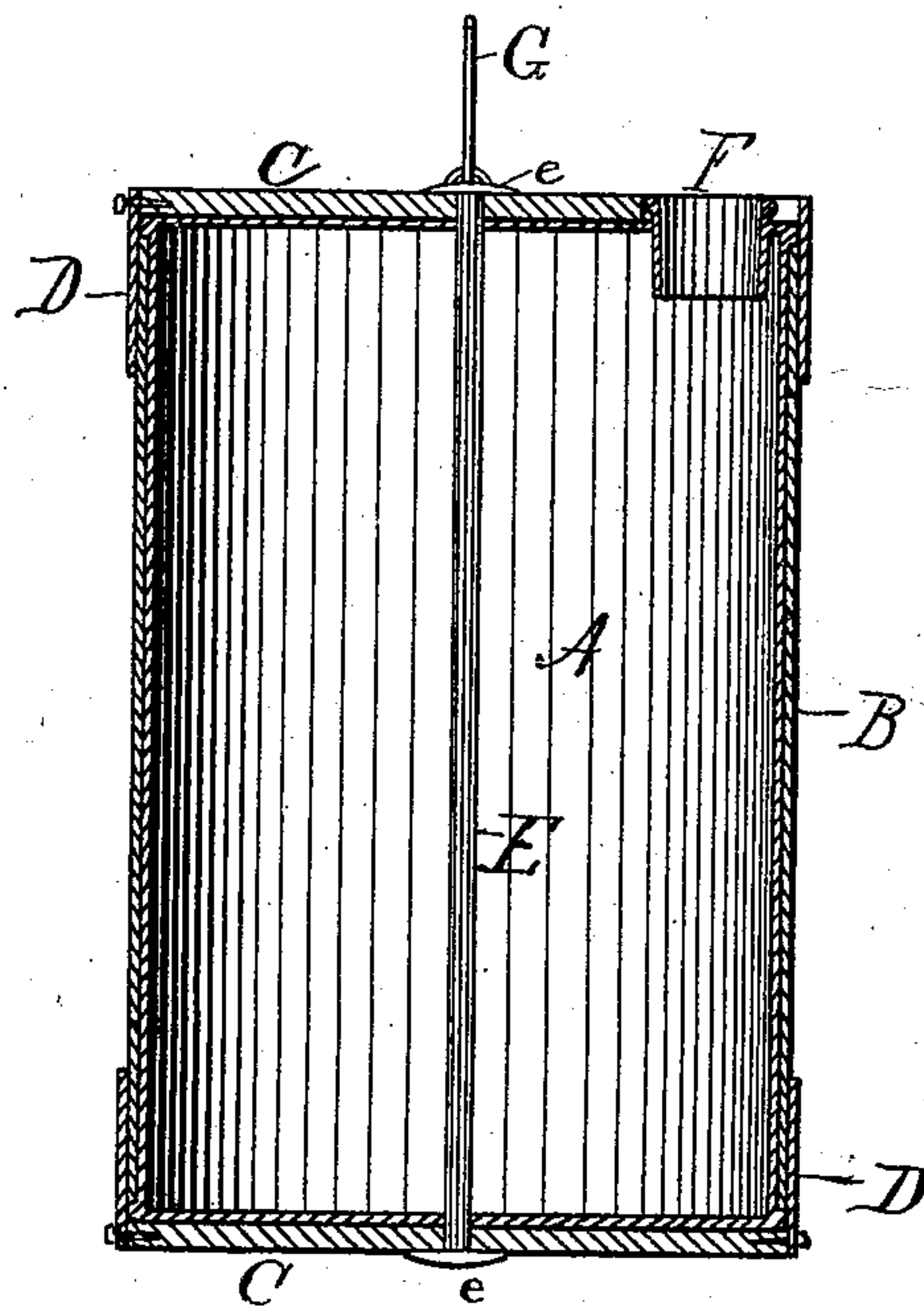


Fig. 2.



Witnesses:
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UNITED STATES PATENT OFFICE.

EDWARD M. CRANDAL, OF CHICAGO, ILLINOIS.

SHIPPING-CAN.

SPECIFICATION forming part of Letters Patent No. 227,615, dated May 18, 1880.

Application filed September 23, 1879.

To all whom it may concern:

Be it known that I, EDWARD M. CRANDAL, of Chicago, in the county of Cook and State of Illinois, have invented certain Improvements in Shipping-Cans, of which the following is a specification.

This invention relates to a means for securing to the can the outer covering or jacket, which adapts it for transportation.

10 In the accompanying drawings, forming a part of this specification, Figure 1 is a top view, and Fig. 2 a central vertical section, of a can embodying my invention.

15 In said drawings, A represents the sheet-metal can proper, made of any proper form and dimensions. B is an exterior protecting-jacket, of any suitable material, such as wood-veneer, paper, or sheet metal, in a continuous sheet. This jacket need not be secured to the can in
20 any way in practicing my invention, as the top and bottom hoops, D D, which lie exterior to it, serve to hold it in place on the can without other fastening, and this, too, even where the jacket is formed of vertical stays; or, if
25 preferred, the jacket may be made of horizontal sections or hoops, which, setting close to the can, will be held from slipping off by the hoops D D at the top and the bottom. The hoops D D are held in place by being
30 fastened to the heads C C, or top and bottom boards applied to the top and bottom of the can. These heads C C are connected together

by a rod, E, which runs through the can and through the heads. Washers or buttons e, placed outside of the heads on the rod, serve 35 to secure said heads on the rod.

F is a nozzle, and G is a bail. The latter may be secured either to the top head or to the can itself, as preferred.

Sometimes I dispense with the hoops D, 40 especially where I employ horizontal bands for the jacket in several sections, and in such case I make the heads large enough to set over the can, so as to act as a top and bottom detainer for the hoops. I sometimes use more 45 than one connecting-rod, depending upon the shape and size of the can.

The nails shown in the drawings secure the top and bottom hoops to the heads.

I claim— 50

1. The means for holding the exterior covering or jacket on the can, consisting of a rod or rods passing through the can, in combination with the can and the exterior covering.

2. The combination, with a can, of a protecting-cover consisting of heads C C, one of 55 which is secured to the top and the other to the bottom of the can, hoops D D, secured one to each head, and a jacket, B, held in place by the hoops, substantially as set forth.

EDWARD M. CRANDAL.

Witnesses:

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