

(No Model.)

2 Sheets—Sheet 1.

C. S. LOCKE.
Machine for Packing Meat in Cans.
No. 227,276. Patented May 4, 1880.

Fig. 1,

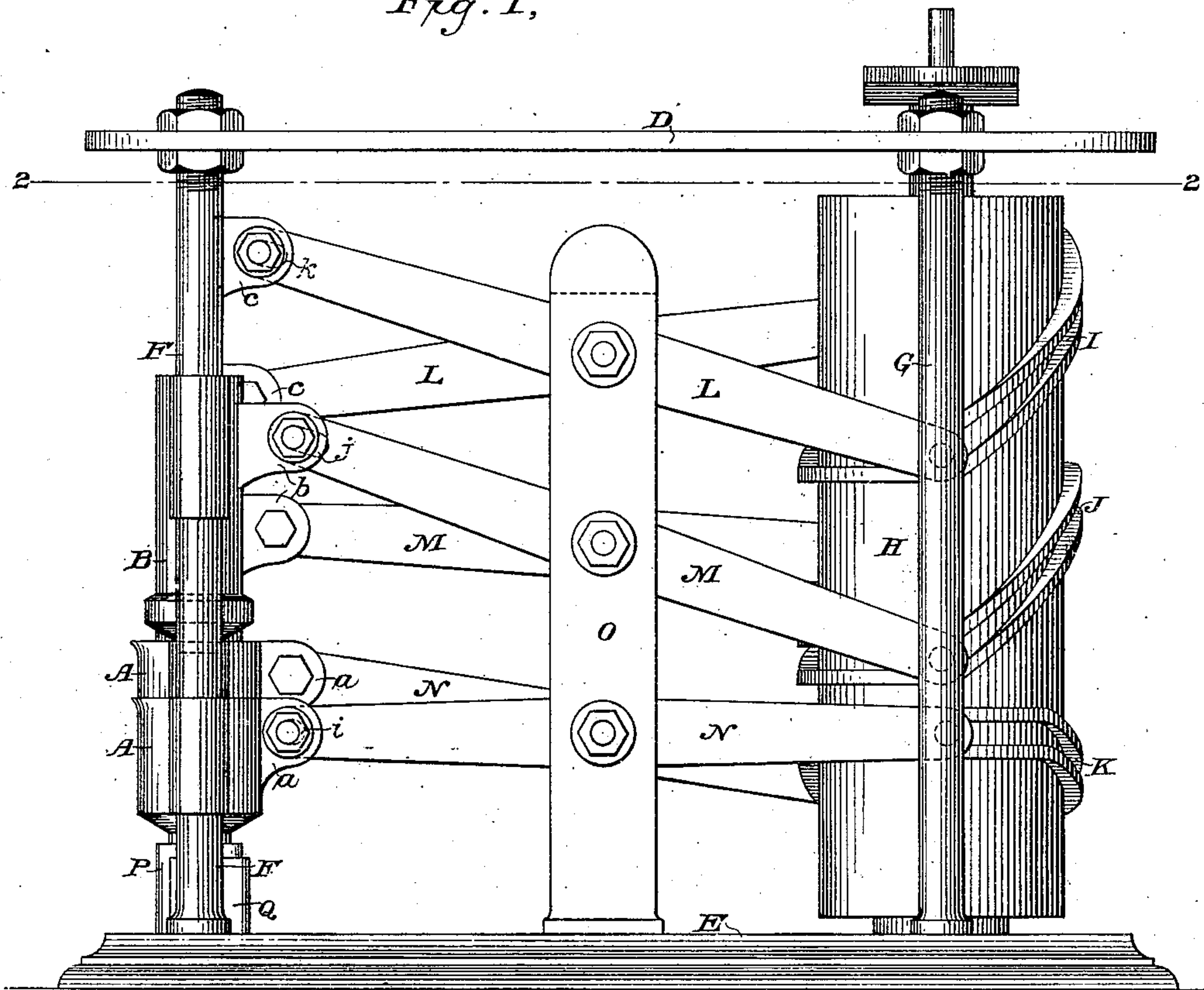
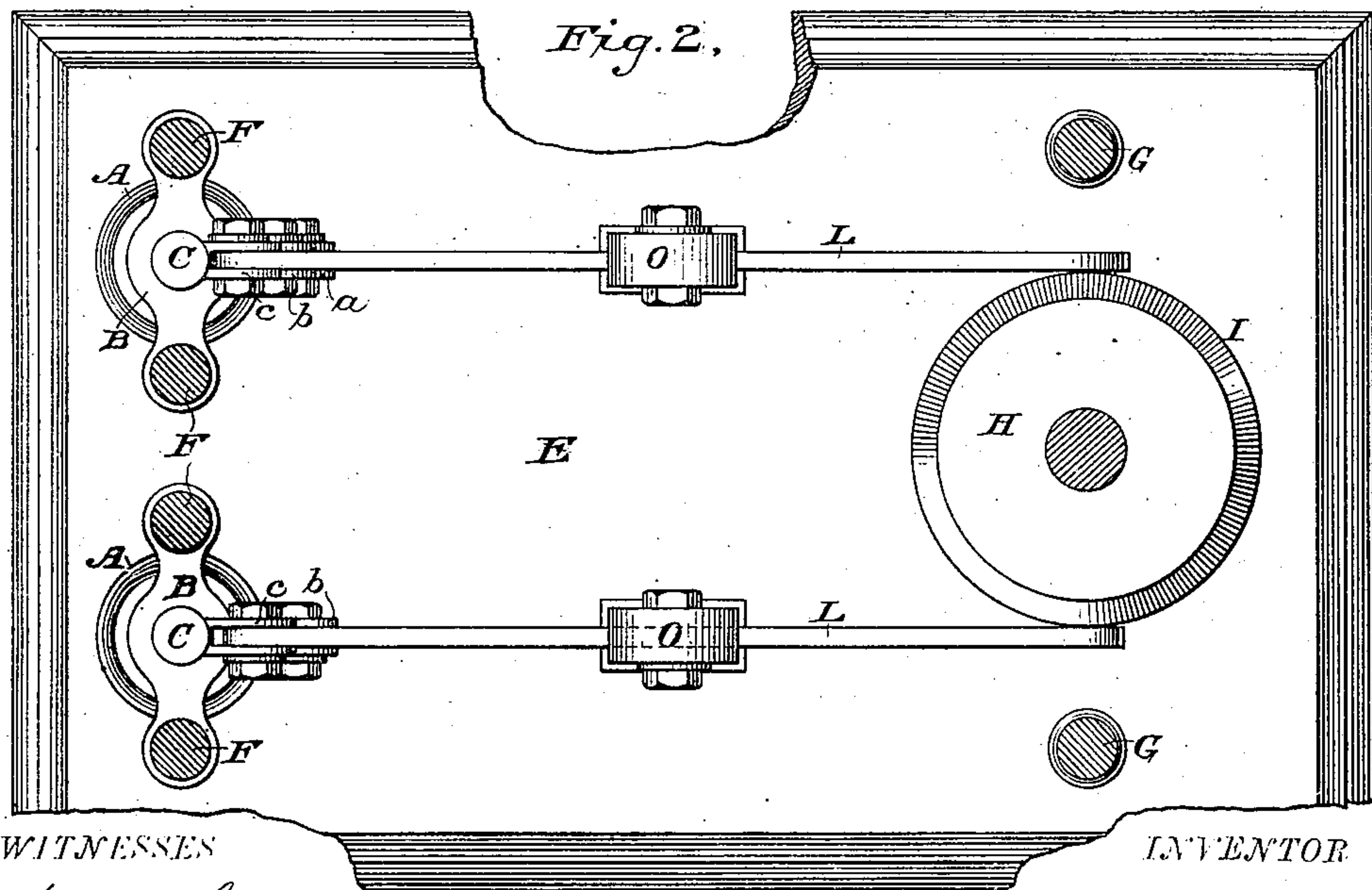


Fig. 2,



WITNESSES

INVENTOR

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Baldwin, Hopkins, & Peyton.

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2 Sheets—Sheet 2.

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Fig. 4.

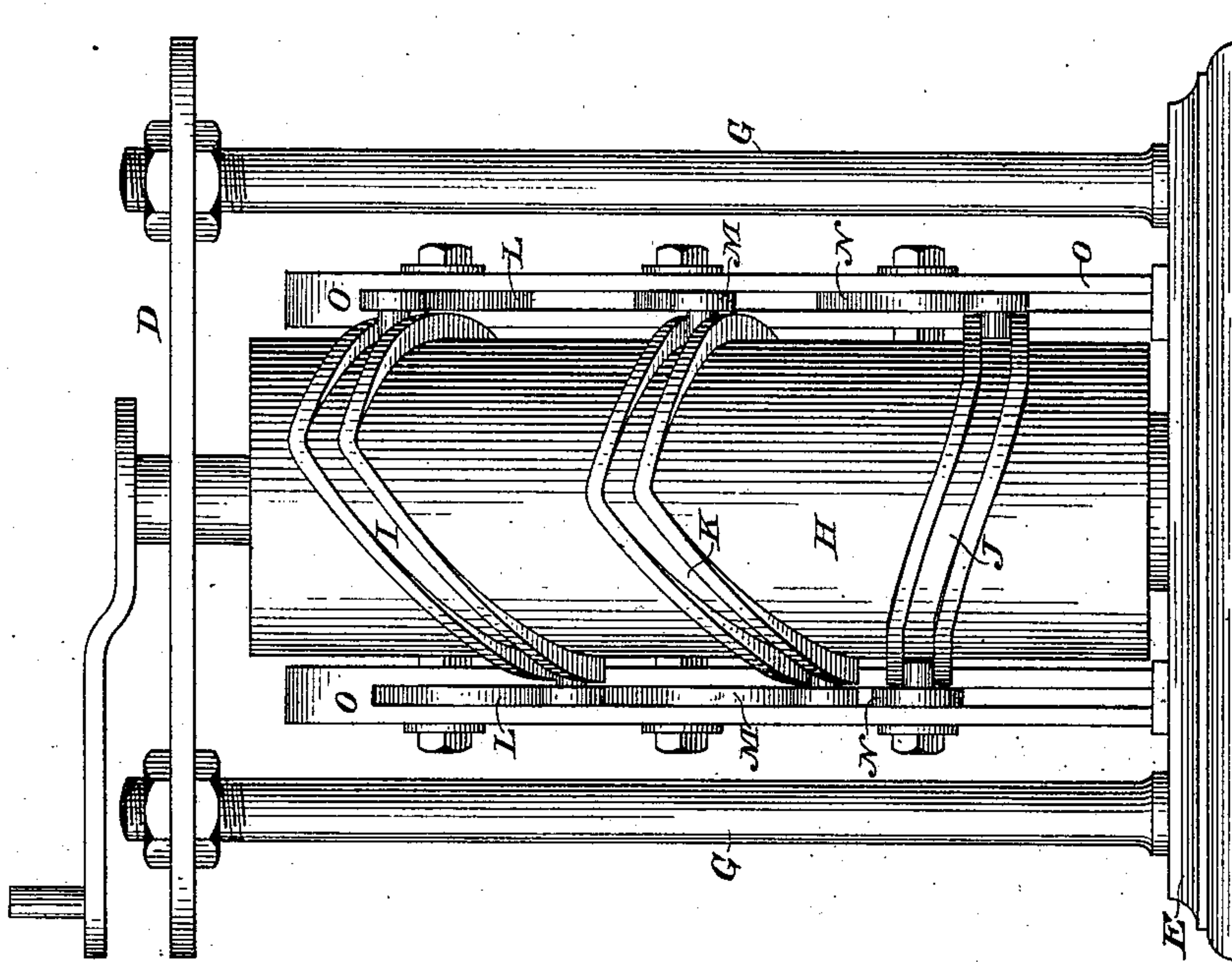
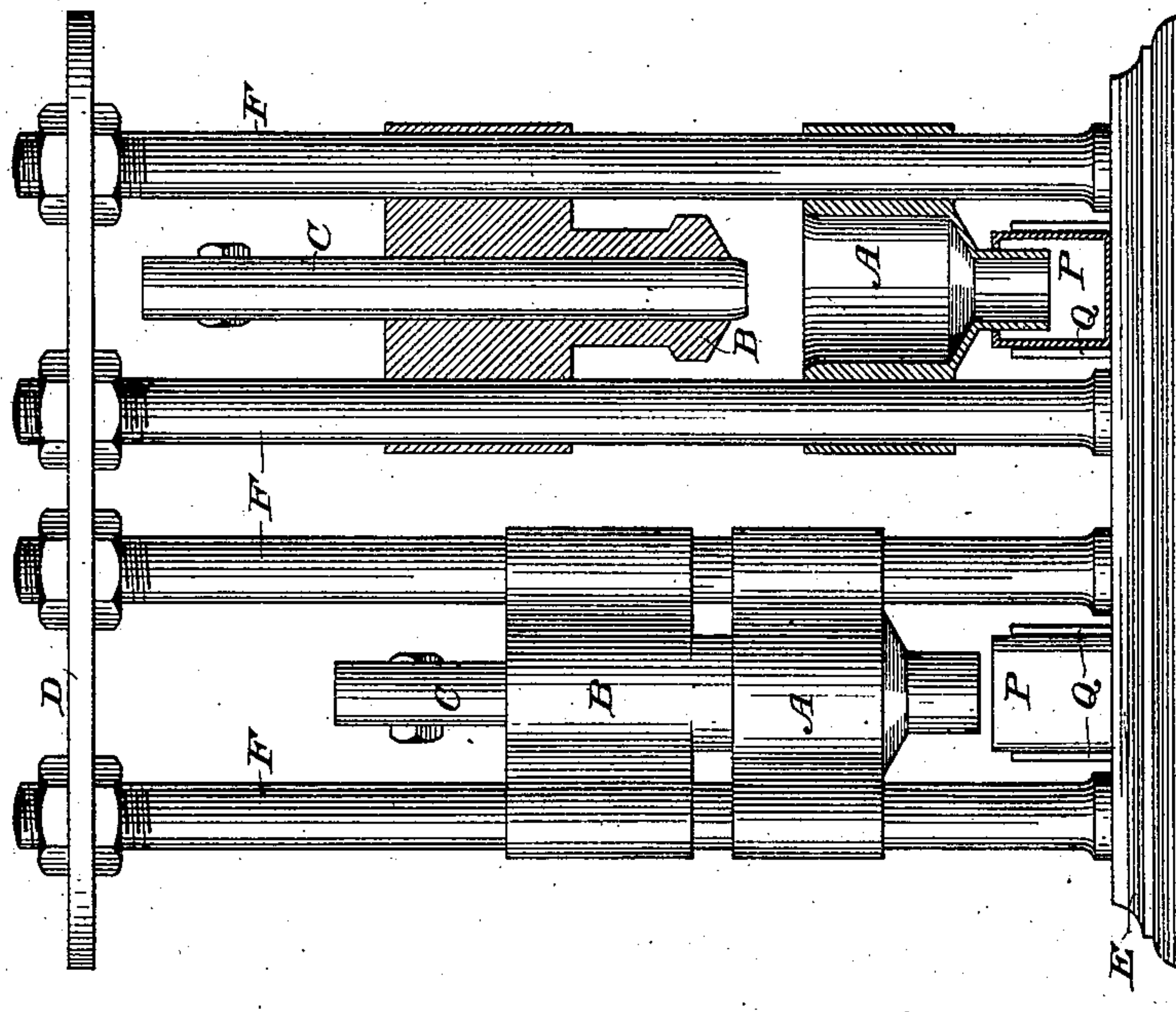


Fig. 3.



WITNESSES

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INVENTOR

Charles S. Locke,

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UNITED STATES PATENT OFFICE.

CHARLES S. LOCKE, OF CHICAGO, ILLINOIS, ASSIGNOR TO HIMSELF AND
FRANK HOLUB, OF SAME PLACE.

MACHINE FOR PACKING MEAT IN CANS.

SPECIFICATION forming part of Letters Patent No. 227,276, dated May 4, 1880.

Application filed March 23, 1880. (No model.)

To all whom it may concern:

Be it known that I, CHARLES S. LOCKE, of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Machines for Packing Meat in Cans, of which the following is a specification.

My invention relates to meat-packers of the kind shown in Letters Patent No. 223,522, granted to me January 13, 1880, and constitutes an improvement in the organization of such machines.

In the accompanying drawings, Figure 1 is a side elevation; Fig. 2, a plan view with the top plate removed; Fig. 3, an elevation of the packing devices, partly in section; and Fig. 4, a rear elevation.

The meat-receptacle A, plunger B, and plunger-rod C are similar to those shown in my patent above mentioned, and need not therefore be described.

The present machine is constructed in the following manner:

The frame is composed of top and base plates, D E, which are connected at the front of the machine by uprights F and at the rear by uprights G. The meat-receptacles and plungers, of which there are two sets, work upon the uprights F in the manner shown in my former patent.

At the rear of the machine a vertical cylinder, H, has its bearings in the top and base plates, and is driven in any suitable manner. Cam-tracks I J K are formed or secured upon the surface of this cylinder and serve to actuate levers L M N. These levers are pivoted at about their middle in an upright standard, O, and are again pivoted at their ends in lugs or ears *a b c* on the meat-receptacle, plunger, and plunger-rod, respectively.

The apertures *i j k* in the levers, through which the pivot-bolts pass, are elongated, as shown, so as to give play sufficient to allow the meat-receptacle, plunger, and plunger-rod to move in vertical lines.

As each set of meat-receptacles, plungers, and plunger-rods is actuated by a separate set

of levers, which are operated from opposite sides of the cam-tracks, it is obvious that their operation will not be simultaneous, but will be somewhat alternative. One attendant can therefore serve both of them.

It will only be necessary to describe the operation of one packer.

The cans P being placed in the holders Q, as the cam-cylinder revolves the meat-receptacle descends, its nozzle entering the can-opening, while the plunger and plunger-rod ascend. The meat is then thrown into the receptacle. As the cylinder continues its movement the plunger and plunger-rod descend together, and the meat-receptacle commences to rise after the plunger has entered its opening. The plunger then, for a moment, remains stationary, while the plunger-rod descends and the meat-receptacle rises, and then rises with the receptacle, while the plunger-rod continues its descent. The plunger and plunger-rod then rise together and the operation is completed.

The above-described operation is substantially similar to that set forth in my patent above mentioned.

Two sets only of packers are shown; but two more could be operated upon the opposite side of the cam-cylinder.

The cans can be placed in the holders and ejected therefrom in any suitable manner.

I claim as of my own invention—

1. The combination, substantially as hereinbefore set forth, of the meat-receptacle, plunger, plunger-rod, their operating-levers, and the actuating-cams.

2. The combination, substantially as hereinbefore set forth, of the circular cam-tracks, a series of levers operated from opposite sides of said tracks, and the meat-packing devices operated by the levers.

In testimony whereof I have hereunto subscribed my name.

CHARLES S. LOCKE.

Witnesses:

MAX EBERHARDT,
ADOLPH A. SINGER.