

No. 639,055.

Patented Dec. 12, 1899.

M. M. JOHNSON.
FOLDING BROODER.

(Application filed Sept. 13, 1899.)

(No Model.)

2 Sheets—Sheet 1.

FIG. 1

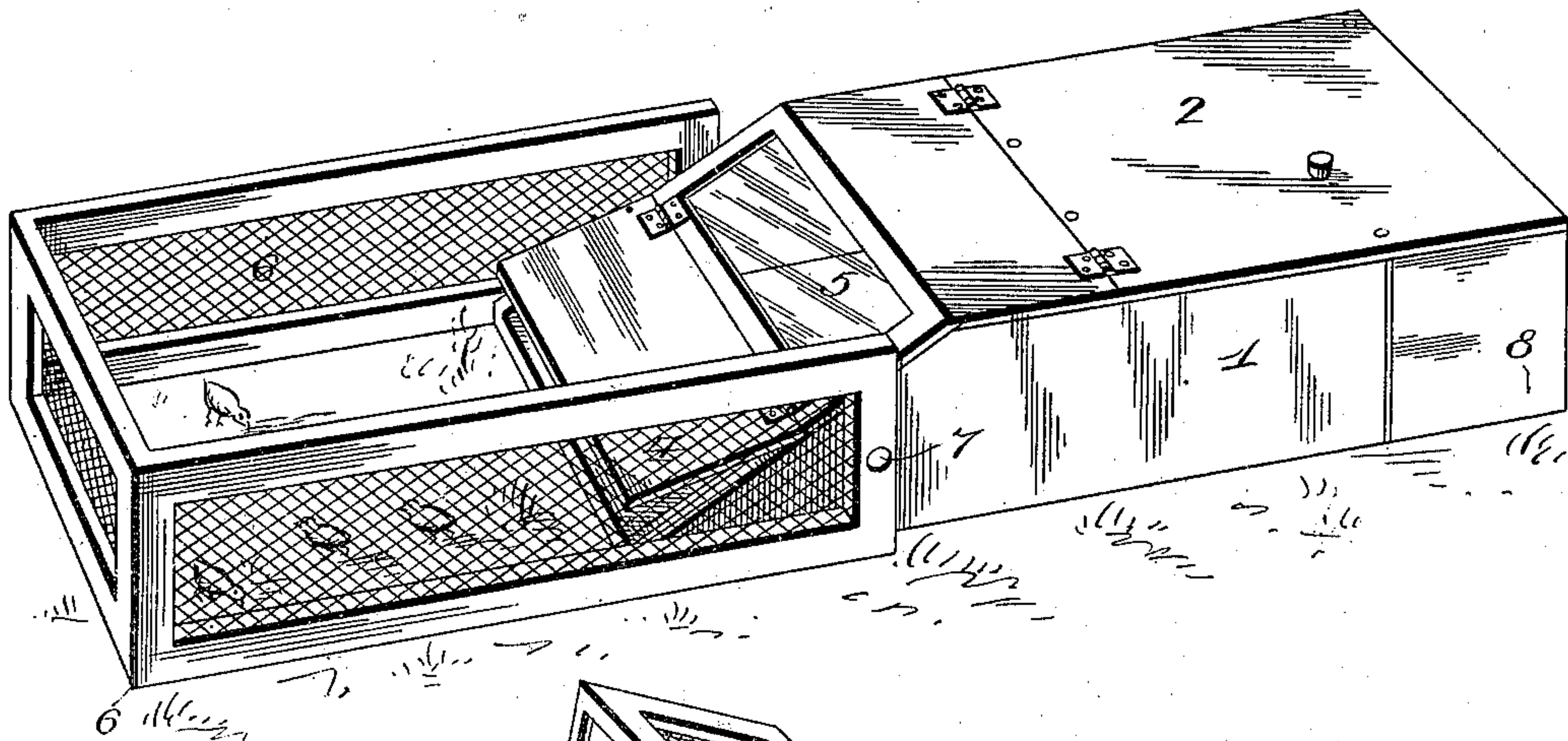
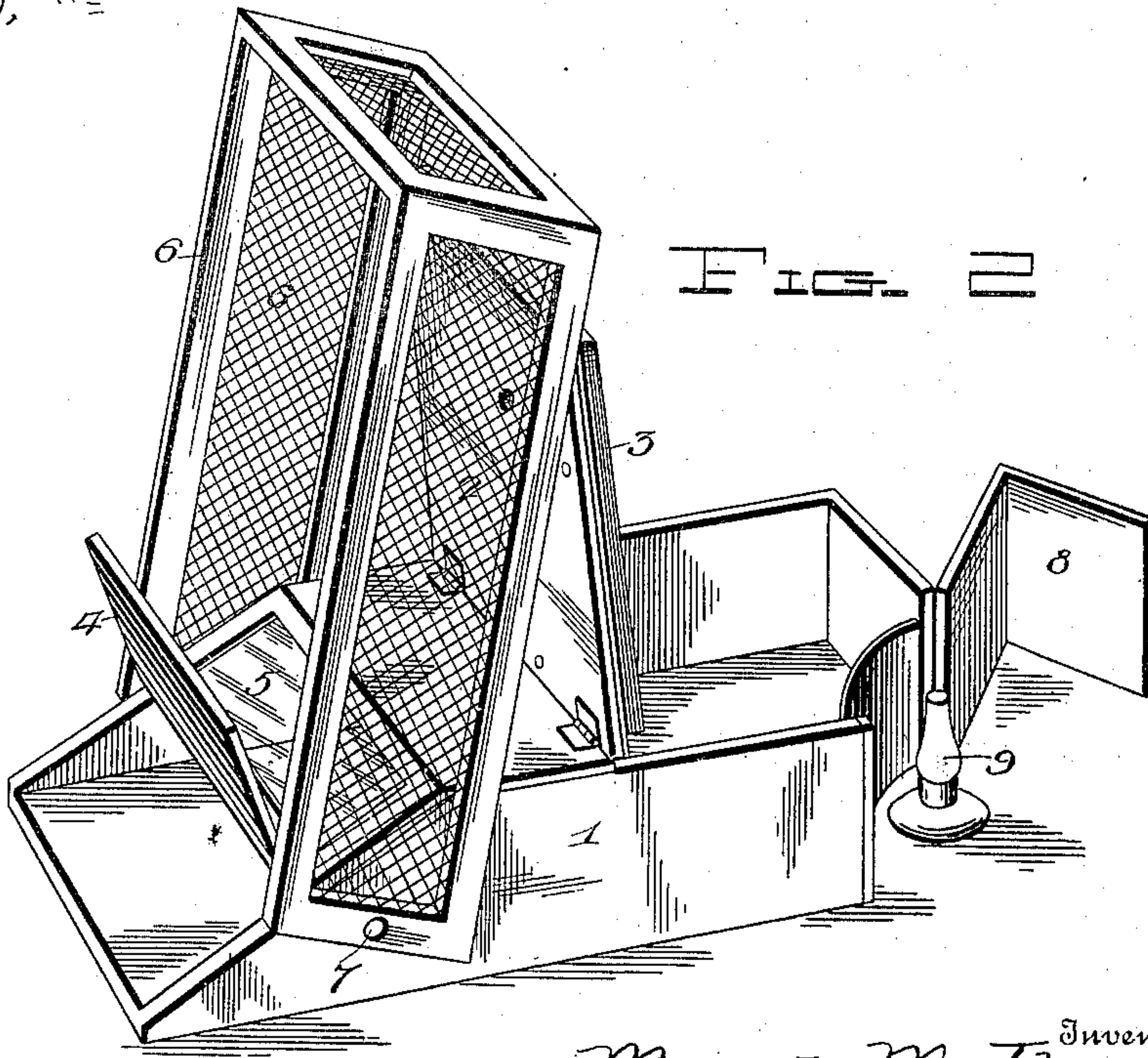


FIG. 2



Witnesses
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FIG. 3

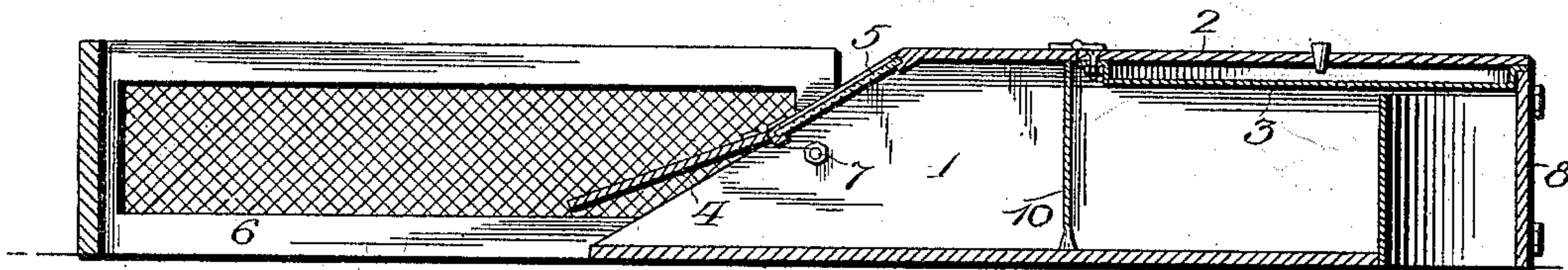


FIG. 4

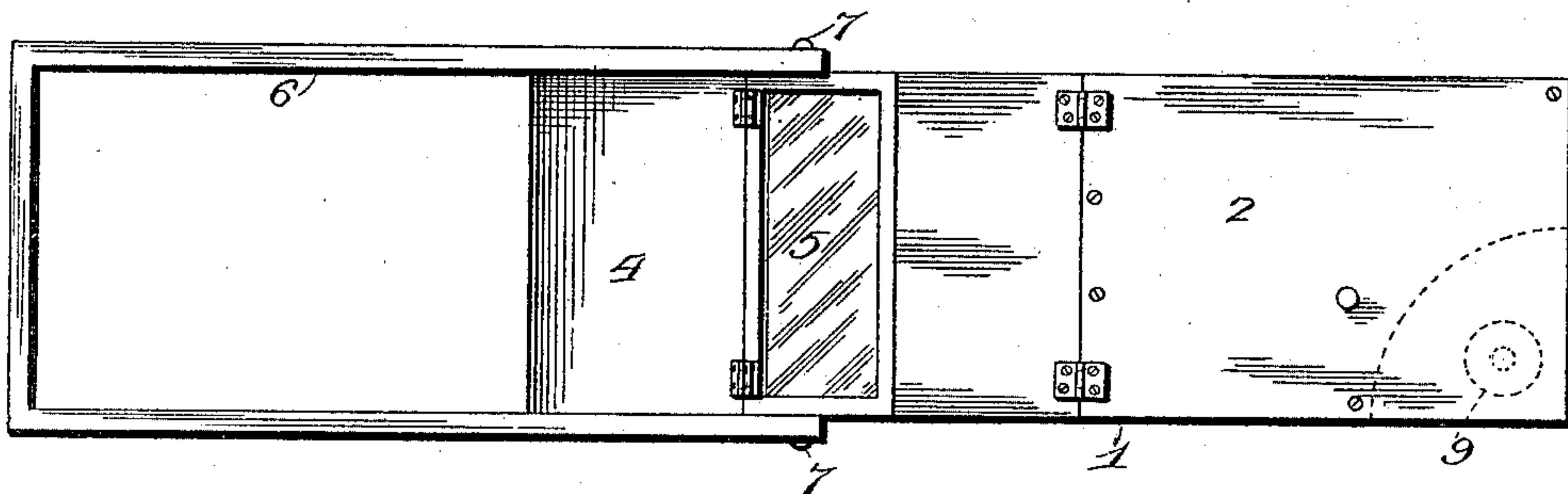
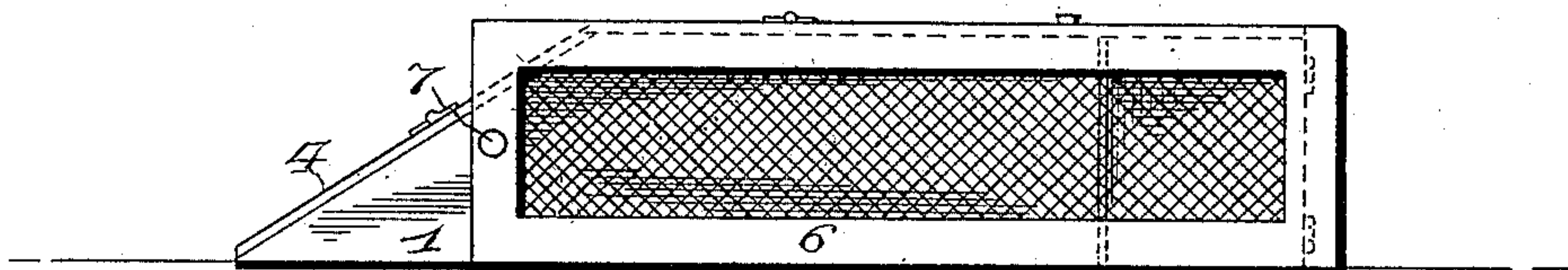


FIG. 5



Witnesses
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UNITED STATES PATENT OFFICE.

MANANDER MOTT JOHNSON, OF CLAY CENTRE, NEBRASKA.

FOLDING BROODER.

SPECIFICATION forming part of Letters Patent No. 639,055, dated December 12, 1899.

Application filed September 13, 1899. Serial No. 730,316. (No model.)

To all whom it may concern:

Be it known that I, MANANDER MOTT JOHNSON, a citizen of the United States, residing at Clay Centre, in the county of Clay and State of Nebraska, have invented certain new and useful Improvements in Folding Brooders; and I do 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.

My invention relates to a folding brooder; and the object is to provide a suitable device for protecting the young chicks until they are large enough to take care of themselves and to give them the necessary warmth and protection coupled with proper exercise to promote their health and insure their natural growth without the aid or assistance of a mother hen.

To this end my invention consists in the construction, combination, and arrangement of the several parts of the brooder, as will be hereinafter more fully described, and particularly pointed out in the claim.

In the accompanying drawings the same reference characters indicate the same parts of the invention.

Figure 1 is a perspective view of my improved folding brooder as it appears in use. Fig. 2 is a similar view showing the brooder in position for cleaning. Fig. 3 is a longitudinal section of the brooder. Fig. 4 is a top plan view. Fig. 5 shows the brooder packed for transportation.

1 denotes a rectangular brooder-box provided with a hinged cover 2, to the under side of which is fixed a water-tank 3. The front of the brooder is provided with a hinged inclined door 4 and a glass panel 5.

6 denotes the fence, which is pivoted to the side walls of the brooder by the bolts 7 7.

8 denotes a right-angular door hinged to the rear end of the brooder, and 9 denotes the lamp, by means of which the brooder is heated through the medium of the hot-water tank.

10 denotes a fringed curtain which divides the brooder into two sections—a warm and a cool chamber.

In the circle in the corner of the brooder-box where the lamp is placed is a sheet-metal sheathing to protect the brooder from fire from the lamp.

Among the many advantages possessed by my improved brooder is that it sets flat on the floor or ground and the chicks run in and out without having to learn to climb a running-board. Another advantage is that the yard or fence folds back over the brooder and forms a crating for transportation or storage when not in use.

It will of course be understood that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus fully described my invention, what I claim as new and useful, and desire to secure by Letters Patent of the United States, is—

A brooder comprising a brooder-box having an inclined end, a window fixed in said inclined end and a door hinged to said end beneath said window, a hinged horizontal cover, a water-tank fixed to said hinged cover, a vertical opening in the opposite end of said brooder-box, and a right-angular door hinged to the box and adapted to close said opening; in combination with a rectangular fence or yard pivoted to the inclined end of said brooder-box and adapted to be folded back when not in use to encompass said box proper, substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

MANANDER MOTT JOHNSON.

Witnesses:

J. P. NELSON,
W. F. GRAHAM.