

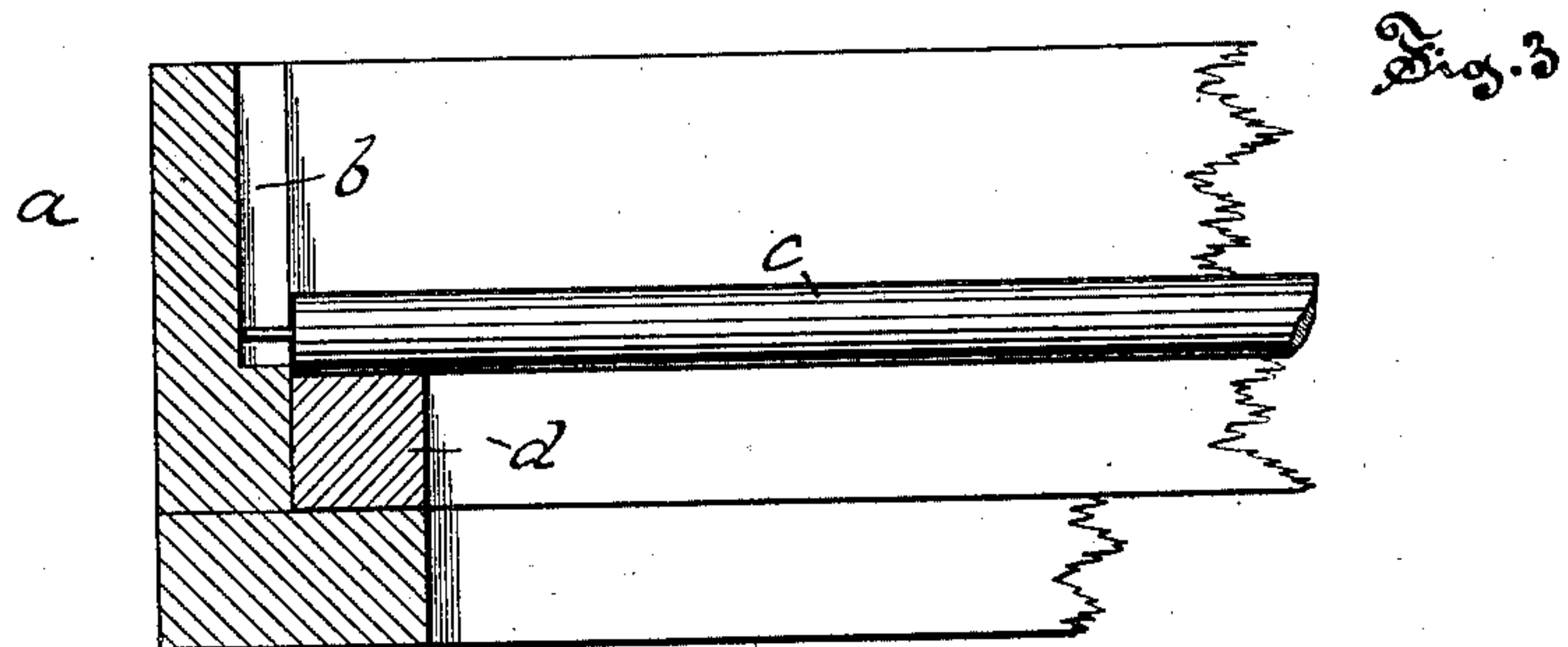
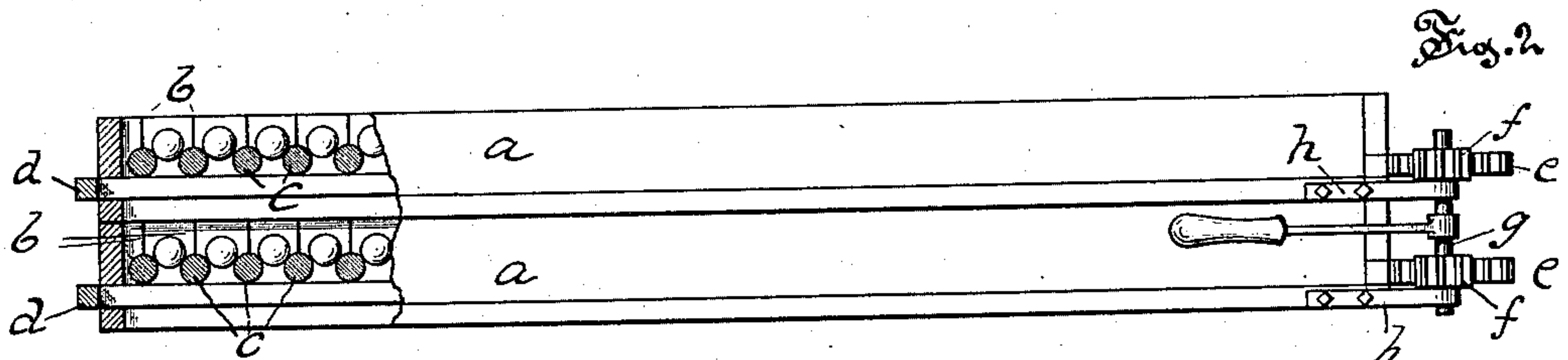
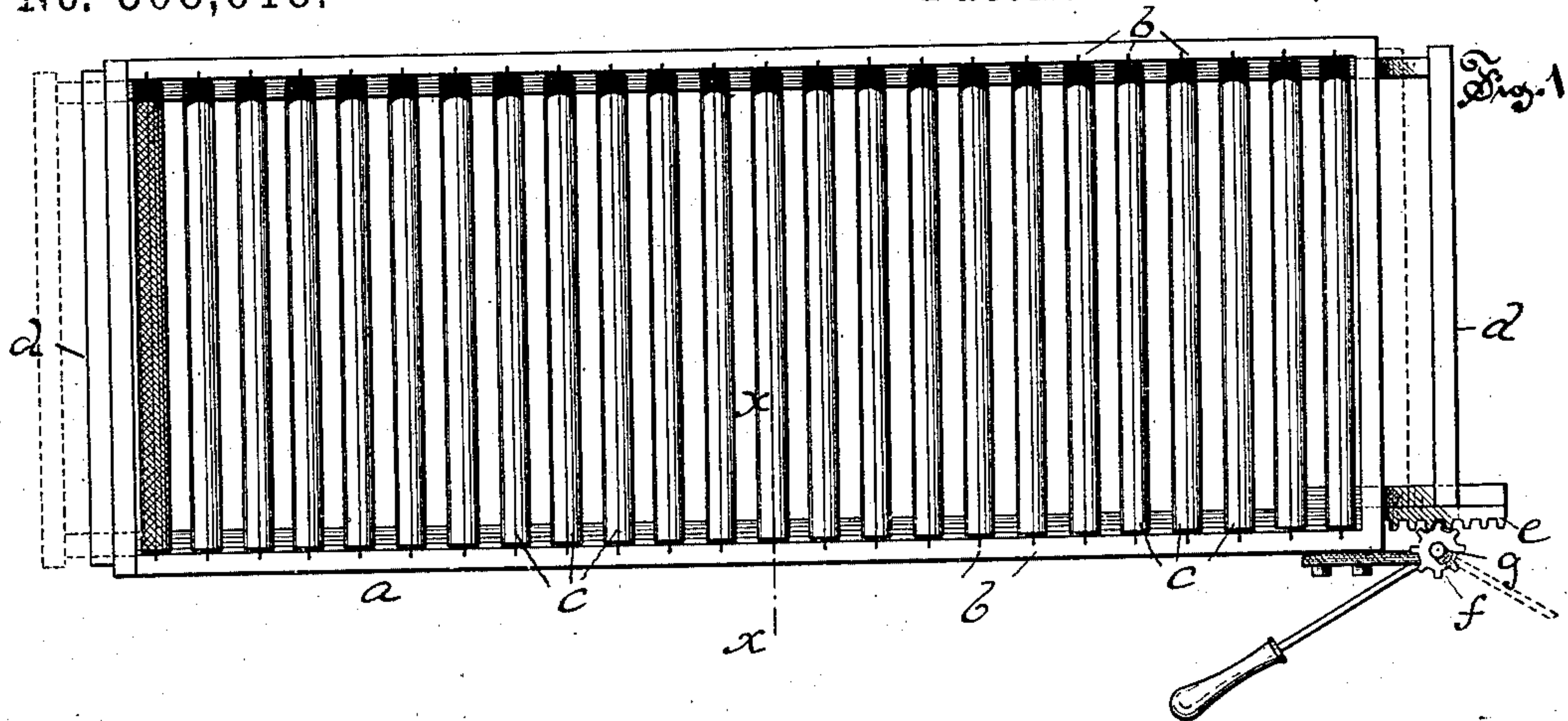
(No Model.)

L. S. LEWIS.

DEVICE FOR PRESERVING EGGS.

No. 308,618.

Patented Dec. 2, 1884.



Witnesses:

W. M. Sporkman

H. R. Williams

Inventor

Leroy S. Lewis

by Simonds & Burdett,  
Attys



# UNITED STATES PATENT OFFICE.

LEROY S. LEWIS, OF EAST HARTFORD, CONNECTICUT, ASSIGNOR OF ONE-HALF TO HARRIS B. MITCHELL, OF MALDEN, MASSACHUSETTS.

## DEVICE FOR PRESERVING EGGS.

SPECIFICATION forming part of Letters Patent No. 308,618, dated December 2, 1884.

Application filed March 26, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, LEROY S. LEWIS, of East Hartford, in the county of Hartford and State of Connecticut, have invented certain new and useful Improvements in Devices for Preserving Eggs; and I do hereby declare that the following is a full, clear, and exact description thereof, whereby a person skilled in the art can make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Like letters in the figures indicate the same parts.

Figure 1 is a plan view of my improved device. Fig. 2 is a side view of two of my improved boxes placed one on the other, and with parts broken away to show construction. Fig. 3 is a view in vertical cross-section on plane denoted by line *xx* of Fig. 1 on enlarged scale.

The object of my invention is to provide a simple, efficient, and easily-operated device, by means of which eggs may have their position changed to a greater or less degree by turning upon their longest axis, and may thus be prevented from spoiling, it being taken as a fact that an egg if prevented from remaining in one position for more than a certain number of hours will keep fresh for an indefinite period.

My invention consists in the combination of the frame, rollers, and means for connecting and operating the same, as more particularly hereinafter described.

In the accompanying drawings, the letter *a* denotes a frame, preferably of wood, and of any convenient dimensions, open on top and bottom, and having upon the inner faces of opposite sides vertical slots *b*, which serve as bearings for the trunnions of the rollers *c*, arranged in parallel lines across the frame and resting on the upper side of a slide, *d*, which is supported in the frame in such manner as to permit of a longitudinal motion transversely of the rollers. This slide *d* is preferably arranged so that it is in contact with each roller at both ends of the roller, and the upper surface of the said slide is roughened in any convenient manner, as by painting and sanding,

in order to increase the friction between the rollers and the slide. The slots *b* are of particular utility as bearings for the trunnions of the rollers, as in them the rollers easily move to conform to any change of dimensions of the slide or roller caused by the seasoning of the wood, and thus keeping the periphery of the rollers always in contact with the slide. These slots *b* are open at the top of the frame, so as to permit the ready insertion of a roller or its removal without disturbing the frame as a whole or any other roller in the frame, and the slots are preferably narrow, and may consist simply of a saw-cut, the trunnions of the rollers being preferably small. This slide may be provided with a projecting handle or other means for operating it from the outside of the frame, and when the eggs are placed upon the rollers between which there are openings, too narrow, however, to permit the passage of an egg, any movement of the slide rotates the rollers and the eggs placed upon the said rollers.

To any convenient part of the slide, as to a part projecting from the end, I may attach a rack, *e*, in mesh with which is a cog-wheel, *f*, fast to the vertical rotary shaft *g*, which turns in suitable bearings, *h*, fast to the tier or to any other suitable support. By means of this combination of rods and cog-wheels the slides of all the frames in a tier may be changed by one movement of the rod.

I claim as my improvement—

1. The combination of the stationary frame having the vertical slots opening at the top of the frame, and a series of rollers with trunnions movable in the slots, and supported on a slide with roughened upper surfaces in contact with the supported rollers, all substantially as described.

2. In combination, a frame, *a*, rollers *c*, arranged in said frame, a slide, *d*, with rack *e*, in mesh with cog-wheel *f* on the shaft *g*, and means for supporting and turning the shaft, all substantially as described.

LEROY S. LEWIS.

Witnesses:

CHAS. L. BURDETT,  
EDWIN F. DIMOCK.