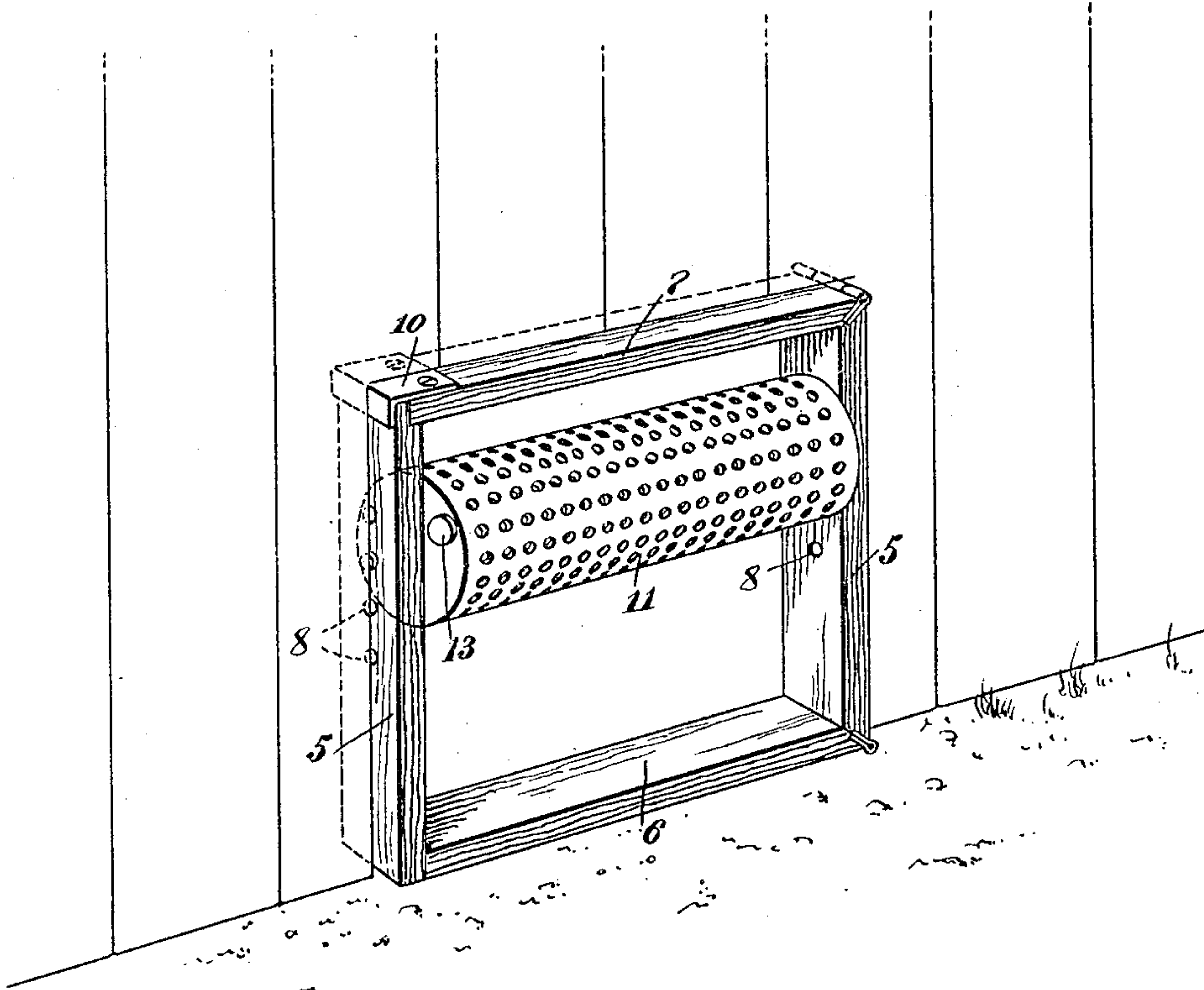


O. E. BUFFUM.  
 AUTOMATIC FOWL DUSTER.  
 APPLICATION FILED JUNE 22, 1909.

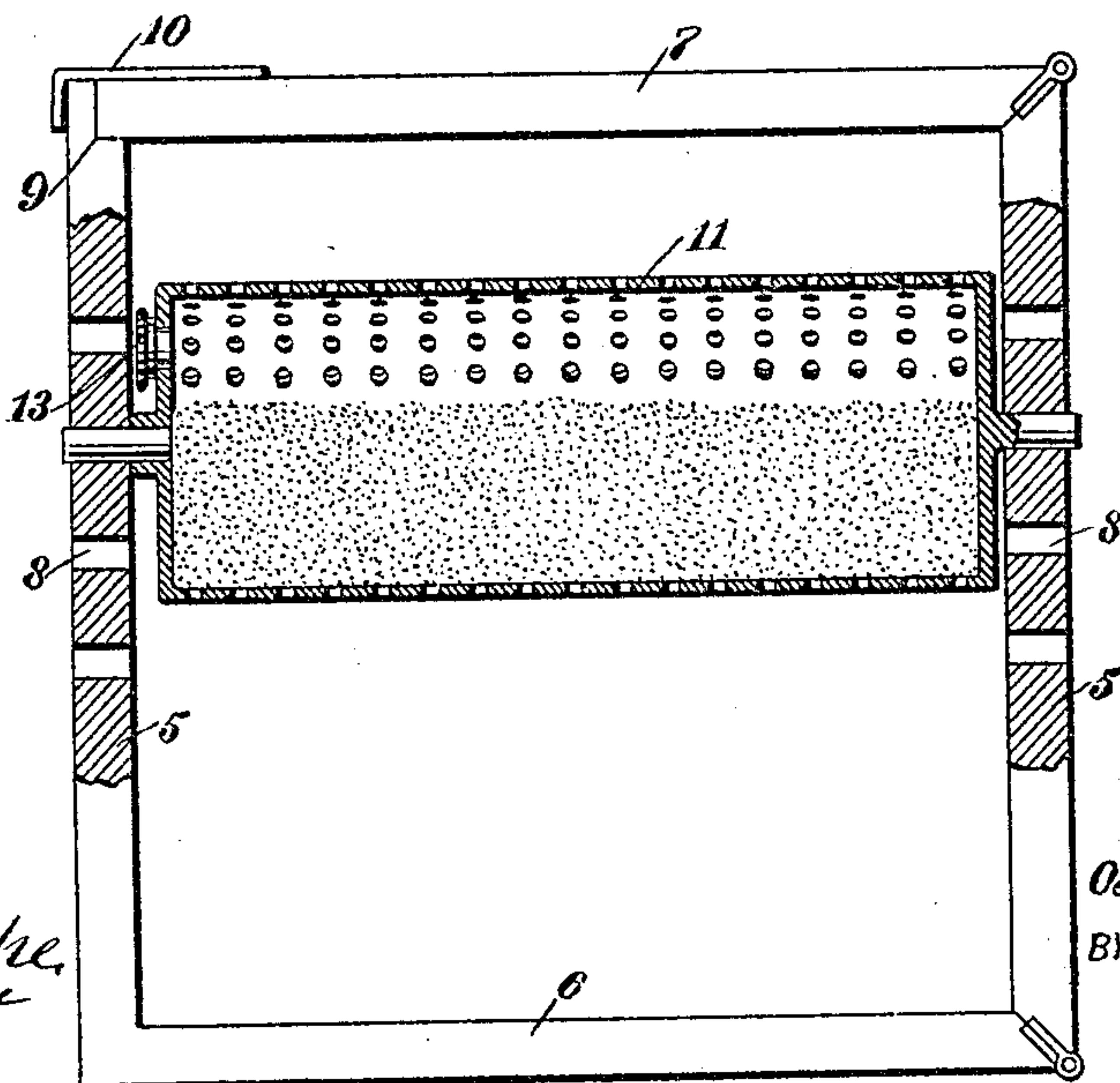
944,072.

Patented Dec. 21, 1909.

*Fig. 1.*



*Fig. 2.*



WITNESSES

*Edw. Thoppe*  
*W. H. Holt*

INVENTOR

*Oscar E. Buffum*

BY *Munn & Co.*

ATTORNEYS



# UNITED STATES PATENT OFFICE.

OSCAR EUGENE BUFFUM, OF ENUMCLAW, WASHINGTON.

## AUTOMATIC FOWL-DUSTER.

944,072.

Specification of Letters Patent.

Patented Dec. 21, 1909.

Application filed June 22, 1909. Serial No. 503,611.

*To all whom it may concern:*

Be it known that I, OSCAR EUGENE BUFFUM, a citizen of the United States, and a resident of Enumclaw, in the county of King and State of Washington, have invented a new and Improved Automatic Fowl-Duster, of which the following is a full, clear, and exact description.

The invention is an improvement in dusters for fowls, and belongs to that class of such devices in which the fowl automatically applies the dusting material in passing through an opening, such as the entrance and exit opening of the chicken house.

The invention has for its object a duster of this character in which the container for the dusting material is movably mounted and driven by the frictional contact of the fowl in passing under it, the container being adjustable to different elevations to suit fowls of varying heights.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar characters of reference indicate corresponding parts in both views.

Figure 1 is a perspective view of a duster constructed in accordance with my invention as applied to the entrance and exit opening of the chicken house; and Fig. 2 is a front elevation of the duster, partly in central vertical section.

In the preferred construction of my improved duster I make use of an upright rectangular frame comprising standards or sides 5, 5, a sill or bottom 6 and a top 7, one side being hinged at its opposite ends to the base and top respectively, and both sides provided with a number of alining openings 8, arranged horizontally one above the other. The end of the top opposite its hinged end seats in the rabbeted inner edge 9 of one of the sides 5, and is provided with an angle-plate 10 secured to its upper face and engaging over the outer face of said side, as clearly shown in both Figs. 1 and 2.

In one set of the alining openings 8 in the sides 5, is journaled a perforated drum or container 11 for the dusting material, the drum having a filling plug 13 at one end and arranged at such an elevation within the frame that the fowls will revolve it by frictional contact in passing through the frame opening, and thereby automatically perform the dusting operation. Ordinarily, the frame will be set within or adjacent to the

entrance and exit opening for the fowls in the chicken house, as shown in Fig. 1, in which case the fowls are given a dusting in both going in and coming out. To change the elevation of the drum or container it is only necessary to swing the top 7 up to disengage the angle-plate, which serves as a latch, and then swing the hinged side 5 outwardly on the base 6, to pass from over the drum journal. The drum may then be located in the set of openings 8, which are arranged at the height desired, and the frame again locked together.

I am aware that prior to my invention many devices have either been constructed or in contemplation for automatically dusting fowls, the same being operated by the weight of the fowl in passing over a movably supported platform. I, however, believe it to be broadly new to provide a movably-mounted duster which is frictionally driven by the fowl in passing under it.

Having thus described my invention, I claim as new and desire to secure by Letters Patent:

1. In a fowl duster, a support, and a container for dusting material movably mounted on said support and arranged to be driven by the frictional contact of the fowl in passing under it.

2. In a fowl duster, a support, and a perforated container for the dusting material, revolubly mounted on the support and arranged to be driven by the frictional contact of the fowl in passing under it.

3. The combination in a duster for fowls, of a structure having an opening through which the fowls pass, and a dusting device revolubly mounted adjacent to said opening and arranged to be driven by the frictional contact of the fowl in passing through said opening.

4. The combination in a duster for fowls, of a support having an opening through which the fowls pass, and a perforated container for the dusting material, revolubly mounted in said support and arranged to be driven by the frictional contact of the fowls in passing through said opening.

5. In a fowl duster, a support, a perforated container for the dusting material, revolubly mounted in the support and arranged to be driven by the frictional contact of the fowl, and means adapting the container to be adjusted to different elevations.

6. In a fowl duster, an open frame hav-

ing a top, a bottom and sides, with one of  
said sides hinged to both the top and bot-  
tom, adapting the top and side to be swung  
outwardly, means to lock the top and the  
5 opposite side together, and a perforated con-  
tainer for the dusting material, journaled  
in a set of a number of alining openings ar-  
ranged at different elevations in the sides.

7. In a fowl duster, an open frame hav-  
10 ing separable sides provided with a number  
of openings arranged at different elevations,

with the openings of one side alining with  
the openings of the opposite side, and a per-  
forated container revolubly mounted in a  
set of said openings.

15

In testimony whereof I have signed my  
name to this specification in the presence of  
two subscribing witnesses.

OSCAR EUGENE BUFFUM.

Witnesses:

A. C. BUFFUM,

G. A. BUFFUM.