

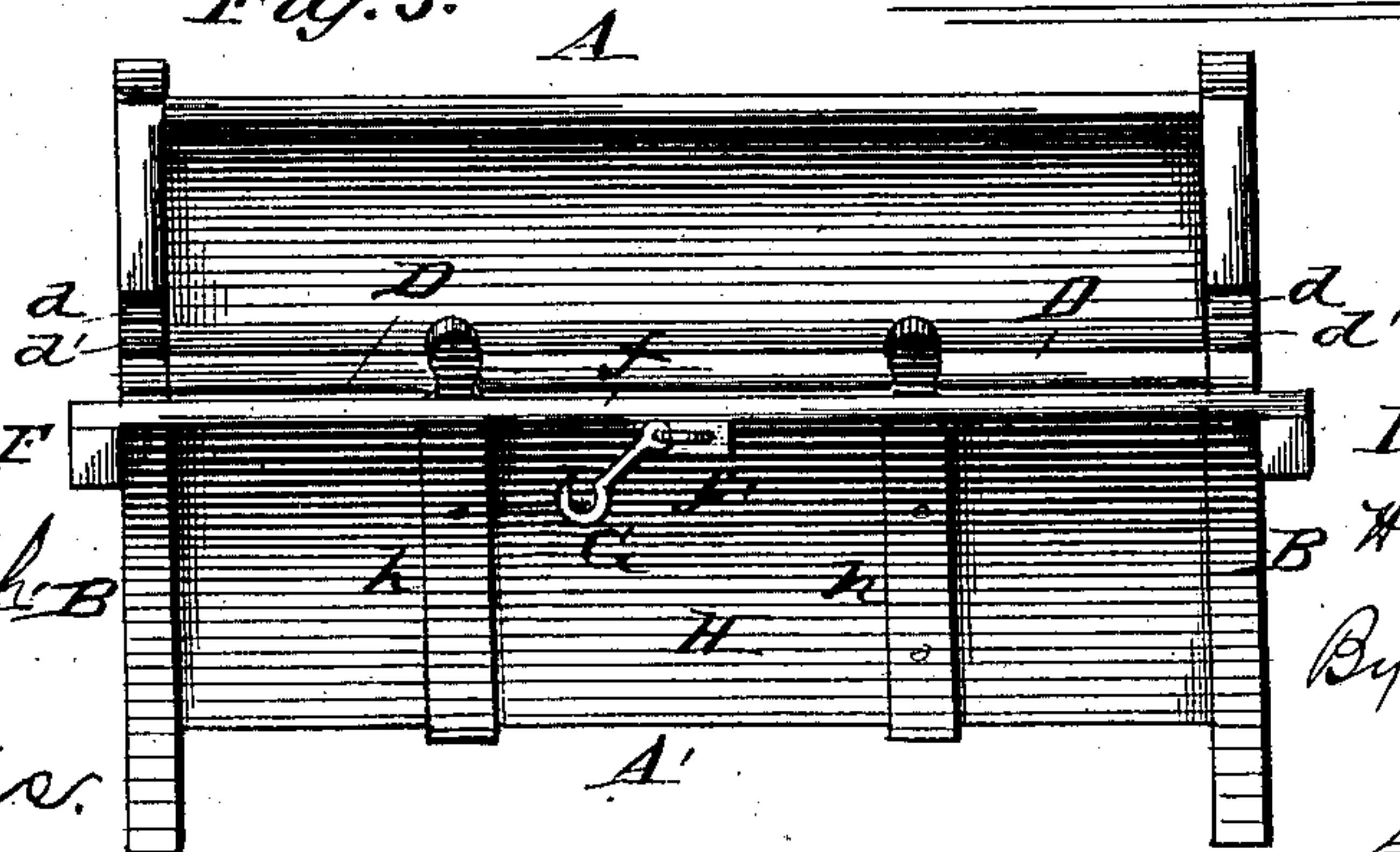
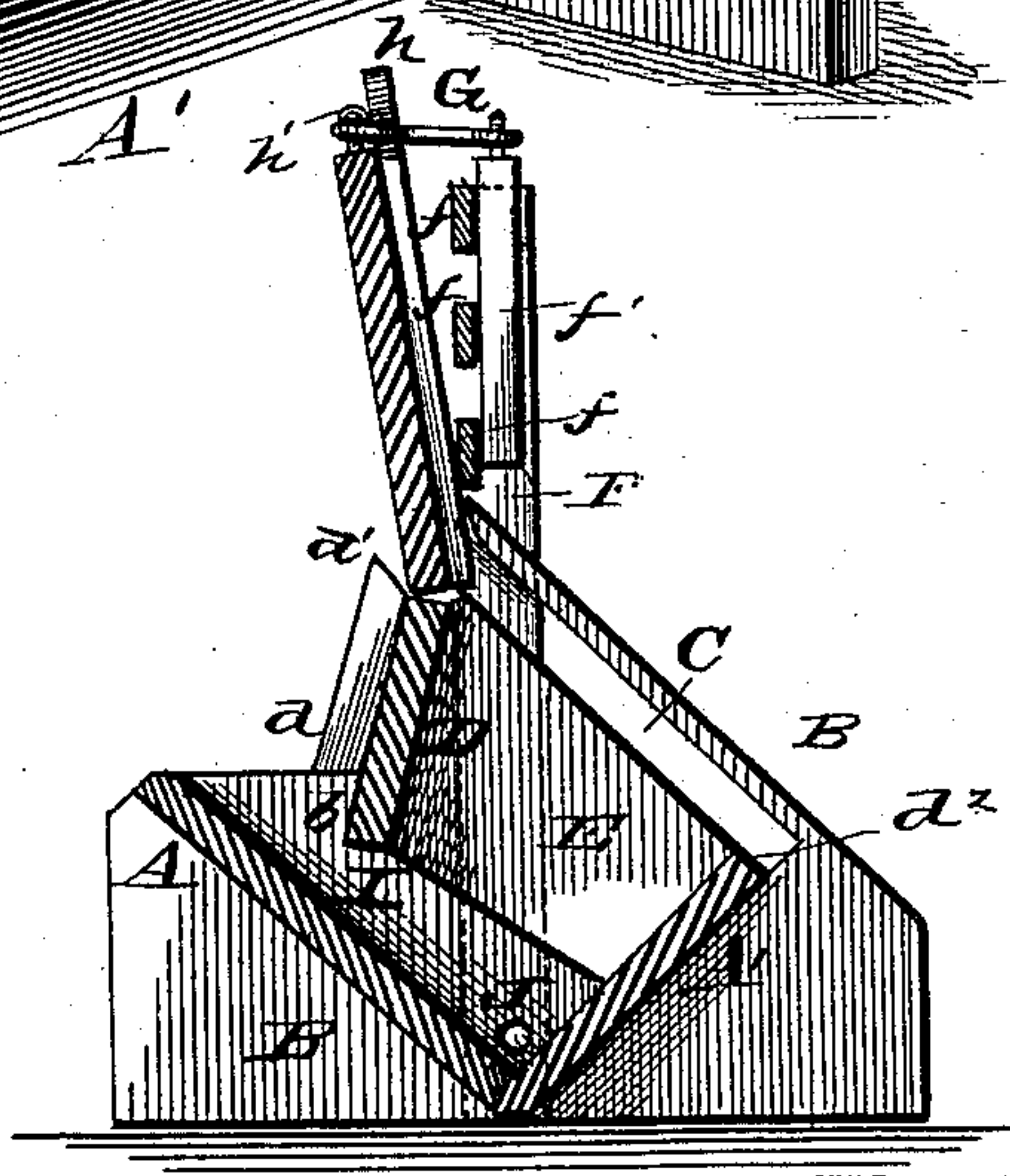
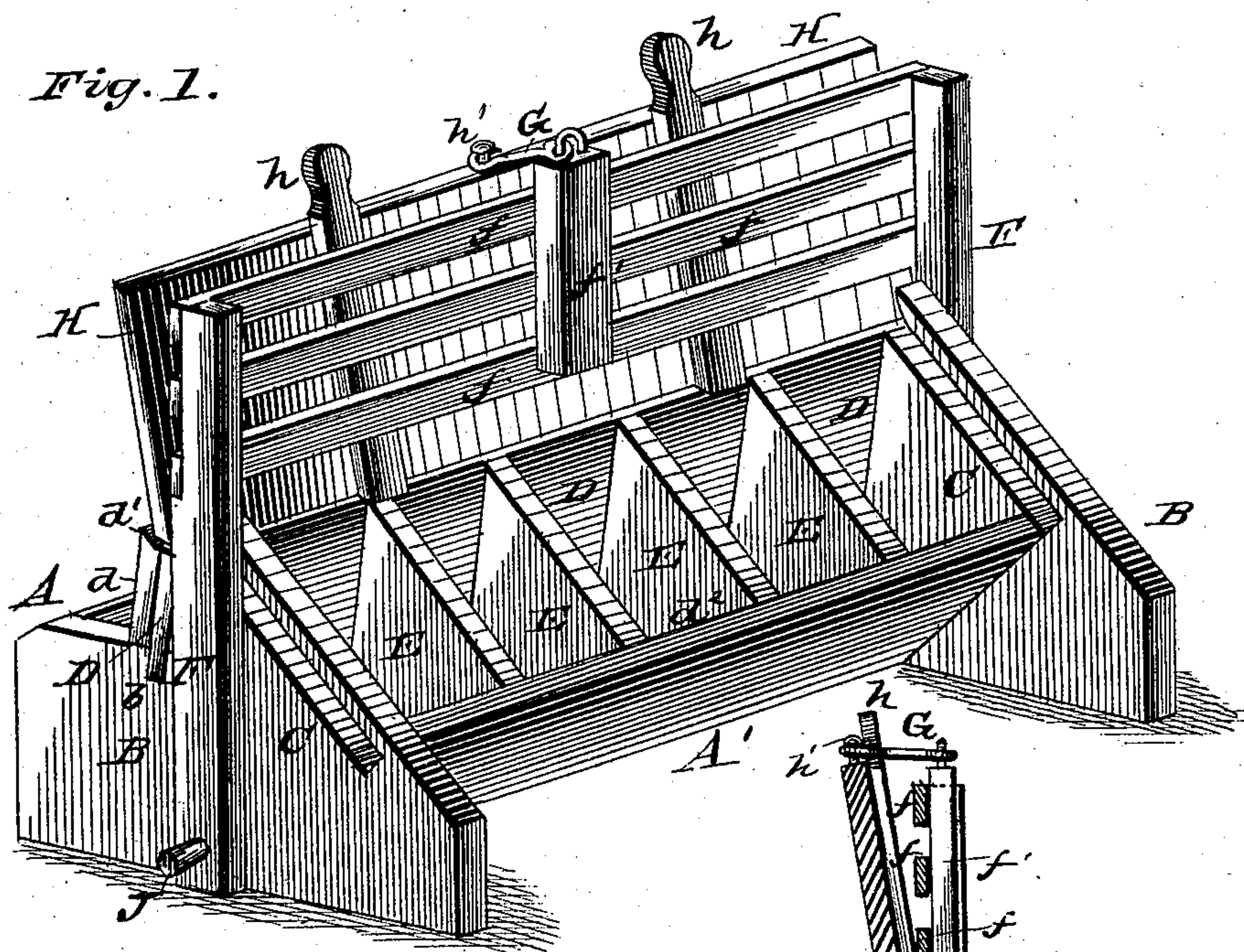
(No Model.)


H. B. WAKEFIELD.

STOCK TROUGH.

No. 290,948.

Patented Dec. 25, 1883.



Witnesses: F.   
Phil C. Dutra B  
 L. B. Harris.

*Inventor:*  
*H. B. Waxfield,*  
*By J. M. Cleary*  
*Attorney.*



# UNITED STATES PATENT OFFICE.

HEZEKIAH B. WAKEFIELD, OF WINFIELD, KANSAS.

## STOCK-TROUGH.

SPECIFICATION forming part of Letters Patent No. 290,948, dated December 25, 1883.

Application filed June 4, 1883. (No model.)

*To all whom it may concern:*

Be it known that I, HEZEKIAH B. WAKEFIELD, of Winfield, in the county of Cowley and State of Kansas, have invented certain  
5 new and useful Improvements in Stock-Troughs; and I do hereby 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 pertains to make  
10 and use the same.

My invention relates to stock-troughs, the object being to provide a novel construction of troughs adapted to be covered when being filled, and readily uncovered to admit of the  
15 feeding of the stock without seeing one another. A further object of the device is to prevent the stock from lying down in the trough, and to insure an equal distribution of feed.

The invention consists in the improved construction and combinations of parts hereinafter fully described, and pointed out in the  
20 claims.

In the drawings, Figure 1 represents a perspective view of my improvement with the trough uncovered. Fig. 2 is a transverse vertical section of the same, and Fig. 3 is a plan  
25 view of the trough covered.

A A' represent the inclined sides of the trough, and B B represent the end boards of the same. The inner ends of these end boards  
30 are preferably inclined, as shown, and are each provided with an inclined slot or guideway, C. The outer ends of the boards B B are each recessed at the point *b* to receive a cross-bar, D. At each end of the bar D is secured a block, *d*, whose upper ends project  
35 above said bar, and are beveled to form shoulders *d' d'*.

E represents partitions secured between the  
40 cross-bar D and the inner side, *d'*, of the side piece A'.

F F represent standards secured centrally to the outer sides of the end boards, B B, and projecting well above the latter. Said standards  
45 are connected by a series of transverse bars or slats, *f*, the latter having a vertical central brace, *f'*, provided at its upper end with a hook, G.

H represents a cover adapted to slide in the  
50 inclined slots or guideways C C when placed therein, and provided with one or more handles, *h h*, and with a central stud or eye, *h'*,

adapted to be engaged by the hook G. The construction thus described leaves a space, I, between the lower end of the cross-bar D and  
55 the outer side, A, of the trough.

When it is desired to fill the trough, the cover H is slid into the slots C C, thus effectually preventing access to the trough by the stock while it is being filled. After the trough  
60 has been filled, the cover is withdrawn by means of the handles *h h*, and rested upon the top edge of the cross-bar D, the shoulders *d' d'* serving to retain the cover upon the bar D. The hook G is then engaged with the stud or  
65 eye *h'* of the cover to lock it in its raised position.

The trough may be provided with any suitable outlet, J.

It will be apparent that many slight changes  
70 in the details of construction may be resorted to without departing from the spirit of my invention; hence I would have it understood that I do not limit myself to the precise construction shown and described, but reserve to  
75 myself the right to make all such slight changes in form and construction as may properly fall within the scope of my invention.

Having fully described my invention, what I claim as new, and desire to secure by Letters  
80 Patent, is—

1. The combination, in a stock-trough having sides and end boards formed with inclined slots or guideways, of a sliding cover adapted to enter said slots, a cross-bar raised from the  
85 bottom of the trough, beveled blocks, and a fastening device whereby the cover may be supported upon said cross-bar and secured, substantially as set forth.

2. In a stock-trough, the combination, with  
90 the sides and end boards, the latter having slots C C, of standards F F, secured to said end boards, and provided with cross-bars *f*, a brace, *f'*, and hook G, a cross-bar, D, blocks *d d*, having shoulders *d' d'*, and a sliding cover, H, having the handles *h h*, and a stud or eye, *h'*, substantially as set forth.

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

HEZEKIAH B. WAKEFIELD.

Witnesses:

JNO. D. PRYOR,

H. B. ESSINGTON.