

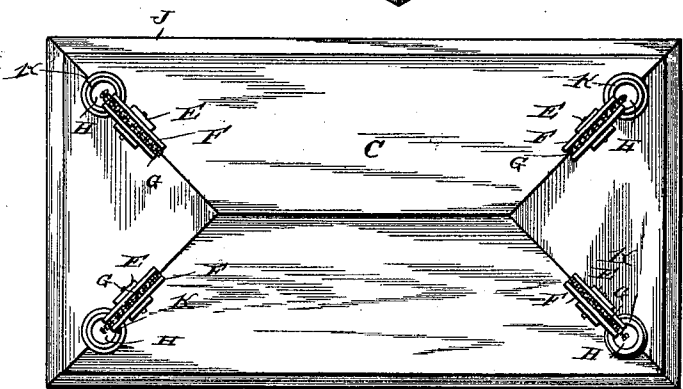
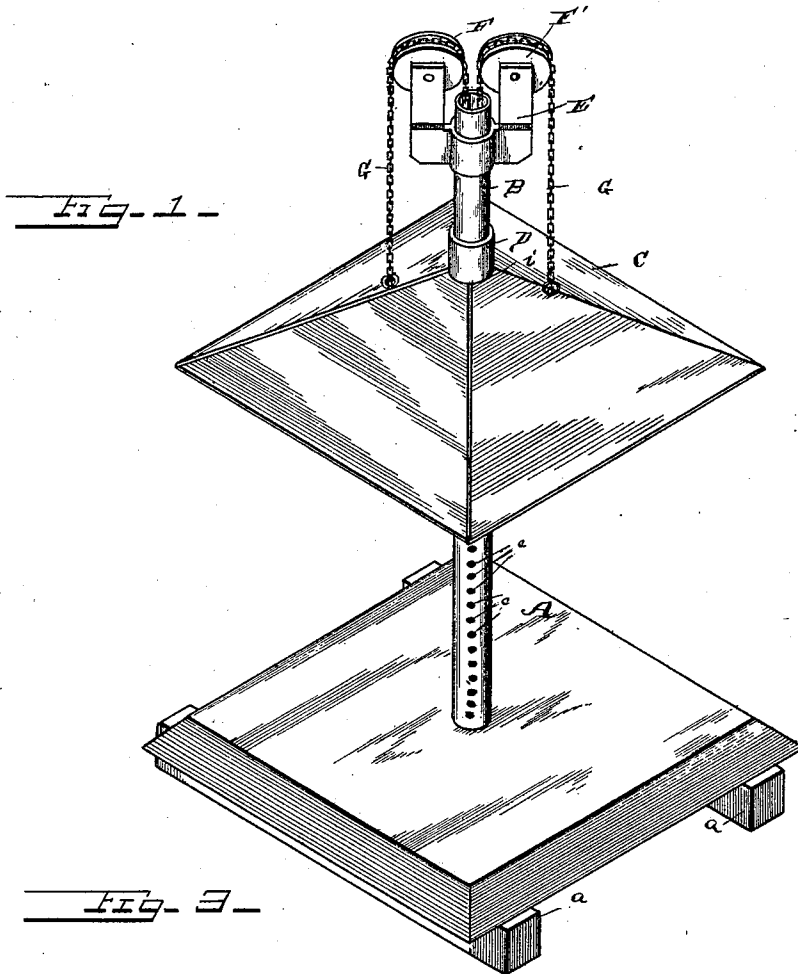
(No Model.)

2 Sheets—Sheet 1.

W. A. McHARRY.  
BARRACK.

No. 522,120.

Patented June 26, 1894.



Witnesses:  
*Jesse Heller.*  
*Phillips.*

Inventor  
*W. A. McHarry*  
*T. W. Anderson*  
 his Attorney.

(No Model.)

2 Sheets—Sheet 2.

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FIG-2

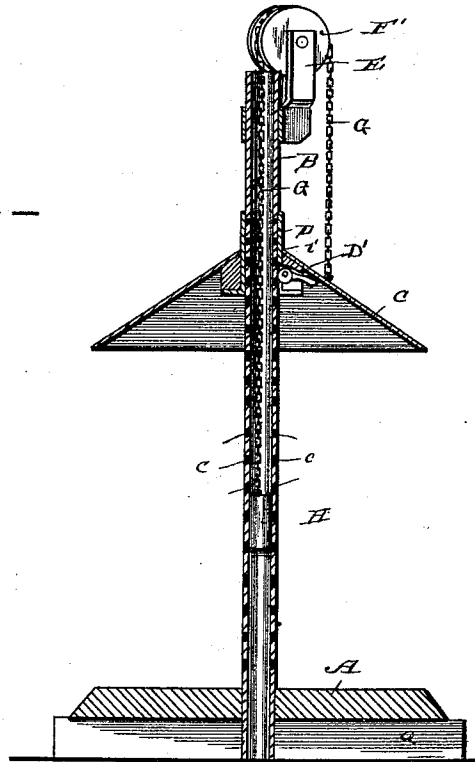
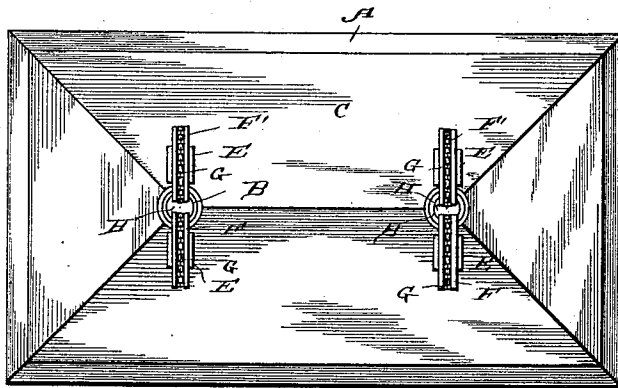


FIG-4



Witnesses:  
Jesse Heller.  
Phillips.

Inventor:  
W. A. McHarry  
by E. W. Anderson  
his Attorney:

# UNITED STATES PATENT OFFICE.

WILLIAM A. MCHARRY, OF EUREKA SPRINGS, ARKANSAS.

## BARRACK.

SPECIFICATION forming part of Letters Patent No. 522,120, dated June 26, 1894.

Application filed June 30, 1892. Renewed January 20, 1894. Serial No. 497,559. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM A. MCHARRY, a citizen of the United States, residing at Eureka Springs, in the county of Carroll and State of Arkansas, have invented certain new and useful Improvements in Barracks; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 of the drawings is a perspective view of the invention. Fig. 2 is a vertical section of same, and Figs. 3 and 4 are modified forms of the roof and are top plan views.

This invention has relation to certain new and useful improvements in barracks, and it consists in the novel construction and combination of parts, all as hereinafter specified.

The object of the invention is to provide simply constructed and conveniently operated, portable means for the storage and preservation of hay, straw, wheat, and other grains in the field, or wherever desired.

In the accompanying drawings, the letter A designates the platform or floor of the barrack. In Fig. 1 this floor or platform is shown as of rectangular form, but I desire it understood that it may be oval, circular, polygonal, or oblong, the latter style being shown in Figs. 3 and 4. Arising from the center of the platform shown in Fig. 1 is a hollow, vertical column or post B, open at the top.

C designates the roof or cover, which corresponds in shape to that of the floor or platform and has an aperture at its central portion *i* in which is an elongated hollow sleeve D which fits loosely around the post or column B, and is of such length as to give a sufficient bearing to keep the roof steady. On the upper end of the post B is a frame E, in which are loosely journaled two pulleys or rollers F, F', and running over said pulleys or rollers, are belts, chains or cables G, G. Said chains are connected at one end to the roof or cover C on opposite sides of the post or column, and at their other ends to a weight H which plays inside of the post or column, said weight being sufficient to practically counterbalance the roof or cover. It will therefore be apparent that said roof or cover

may be raised or lowered with a very slight effort. In the sleeve D is a friction, or other lock D', for engagement with the post or column to hold the cover at the proper elevation.

Should the farmer be stacking his hay or grain upon the platform and a sudden storm arise, he can lower the roof of the barrack upon the grain, holding it in place and protecting it from damage, in the same manner as if the stack were completed and the roof in place. It will also be apparent that it may in the same way be adjusted to any capacity or size of stack, and that the entire device may be made portable.

The roof or cover preferably has a pitch from the center to all sides, and the floor or platform may be raised above the ground by inclined supports *a, a*.

In Fig. 3 I have shown a slight modification of the construction, which is employed where the barracks are to be of large size and capacity. In this form, the floor or platform J is an oblong, and a hollow post or column K is provided at each corner portion, each post having the counterbalancing weight, pulleys, and chains described in connection with Fig. 1.

For an intermediate size, two posts or columns may be employed, or three, as may be desired, and according to the shape of the platform.

When one or two central posts are employed, I find it advantageous to perforate them (as indicated at *c*), thereby giving ventilation to the interior of the stack.

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

In a barrack, the combination with a floor or platform, a counterbalanced roof or cover above said platform, an elongated sleeve D in said roof loosely engaging each post or column, a lock in said sleeve designed to engage said post or column and hold the roof to the proper adjustment, and perforations in said posts or columns, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM A. MCHARRY.

Witnesses:

C. W. CLOTHIER,  
J. C. BETTEN.