

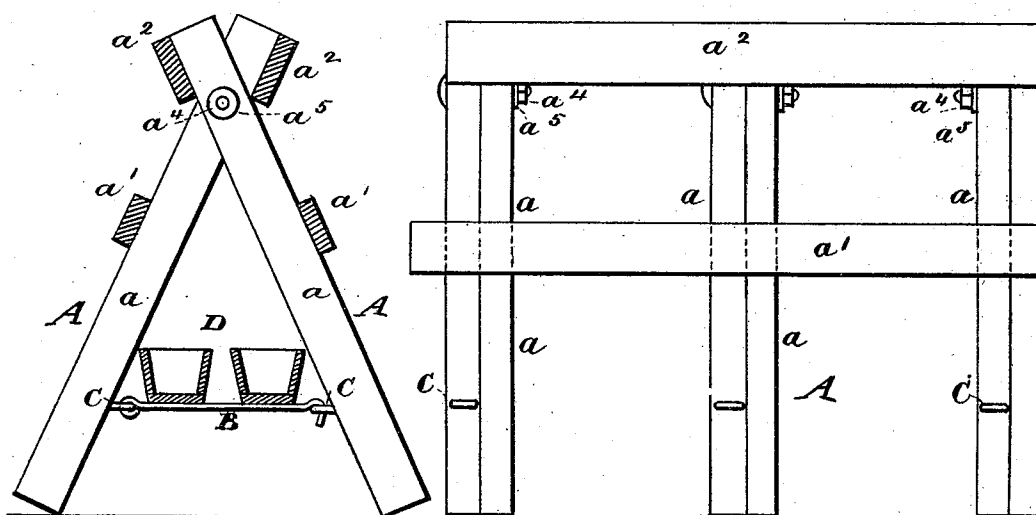
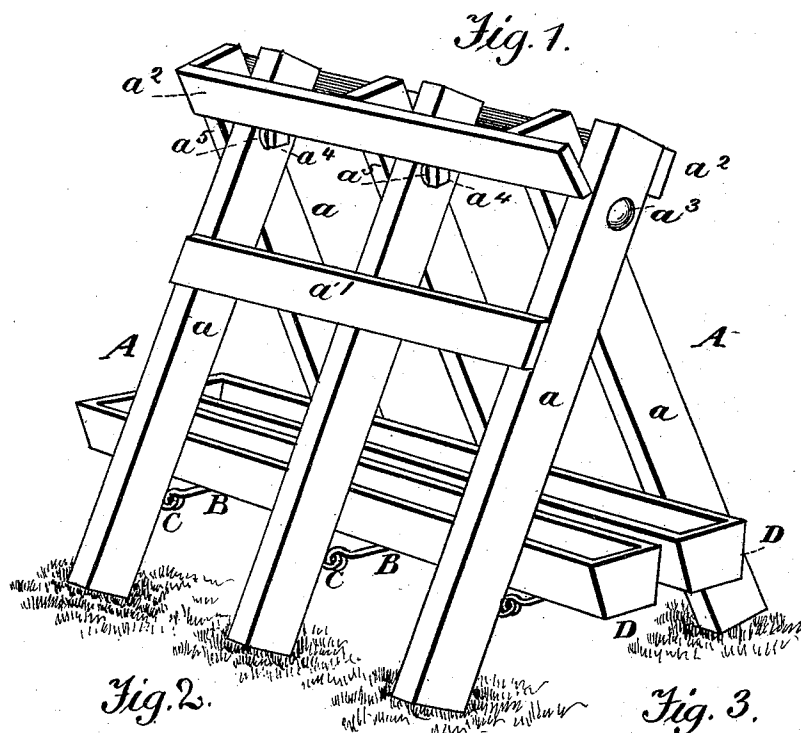
(No Model.)

J. J. LONGBAUGH.

COMBINED TROUGH SUPPORTER AND FLOCK SEPARATOR.

No. 465,483.

Patented Dec. 22, 1891.



Witnesses.
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UNITED STATES PATENT OFFICE.

JOHN J. LONGABAUGH, OF GRAY'S LAKE, ILLINOIS.

COMBINED TROUGH-SUPPORTER AND FLOCK-SEPARATOR.

SPECIFICATION forming part of Letters Patent No. 465,483, dated December 22, 1891.

Application filed April 22, 1891. Serial No. 390,066. (No model.)

To all whom it may concern:

Be it known that I, JOHN J. LONGABAUGH, a citizen of the United States, residing at Gray's Lake, in the county of Lake and State of Illinois, have invented a certain new and useful Combined Trough-Supporter and Flock-Separator; 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 appertains to make and use the same.

The special object of the invention is to make a sheep-feeder and flock-separator which will fold up, be conveniently movable, and not allow the sheep to crowd each other, jump over the trough, or paw at each other.

Figure 1 of the drawings is a perspective view showing the invention ready for use; Fig. 2, a vertical transverse section, and Fig. 3 a plan view showing the device folded up for transportation or for being stowed away.

In the drawings, A represents each of the two wooden sections of my flock-separator, consisting of three vertical parallel bars $a a a$, connected and spaced by the cross-board a' near the middle of one side, said board being nailed or otherwise fastened to the bars a . At the opposite side of said bars and at the upper end thereof is made fast the board a^2 . A little below the boards a^2 the bars a on the two sections are crossed and there connected by the pivots a^3 . These pivots have a flat head at one end and at the other a thread on which work a nut and washer $a^4 a^5$. When the sections are spread apart at the bottom,

the board a^2 of each section rests on the outer face of the bars a of the opposite section, thus preventing said sections from being spread too far apart.

B are hook-rods, the two end hooks on each rod engaging the eyes C C on the inner face of the bars a , the effect being to resist any outward expansion or inward contraction of the two sections.

D D are feed-troughs supported on the rods B and within easy reach of the sheep of two flocks on opposite sides thereof.

The boards $a' a'$ will prevent the sheep from climbing up into the troughs or jumping over them, so as to dirty the food, which would not then be eaten, but wasted. As many of these trough-supporters may be used as the flocks require.

What I claim as new, and desire to protect by Letters Patent, is—

A flock-separator and feed-trough supporter consisting of the cross-pivoted bars a , connected by the board a' on the outside and the board a^2 on the inside near the upper end and held apart in the inside near the bottom by the hook-rods B, which also serve to support the feed-trough, as shown and described.

In testimony whereof I, JOHN J. LONGABAUGH, affix my signature in presence of two witnesses.

JOHN J. LONGABAUGH.

Witnesses:

A. R. RICE,
CYRUS B. HARVEY,