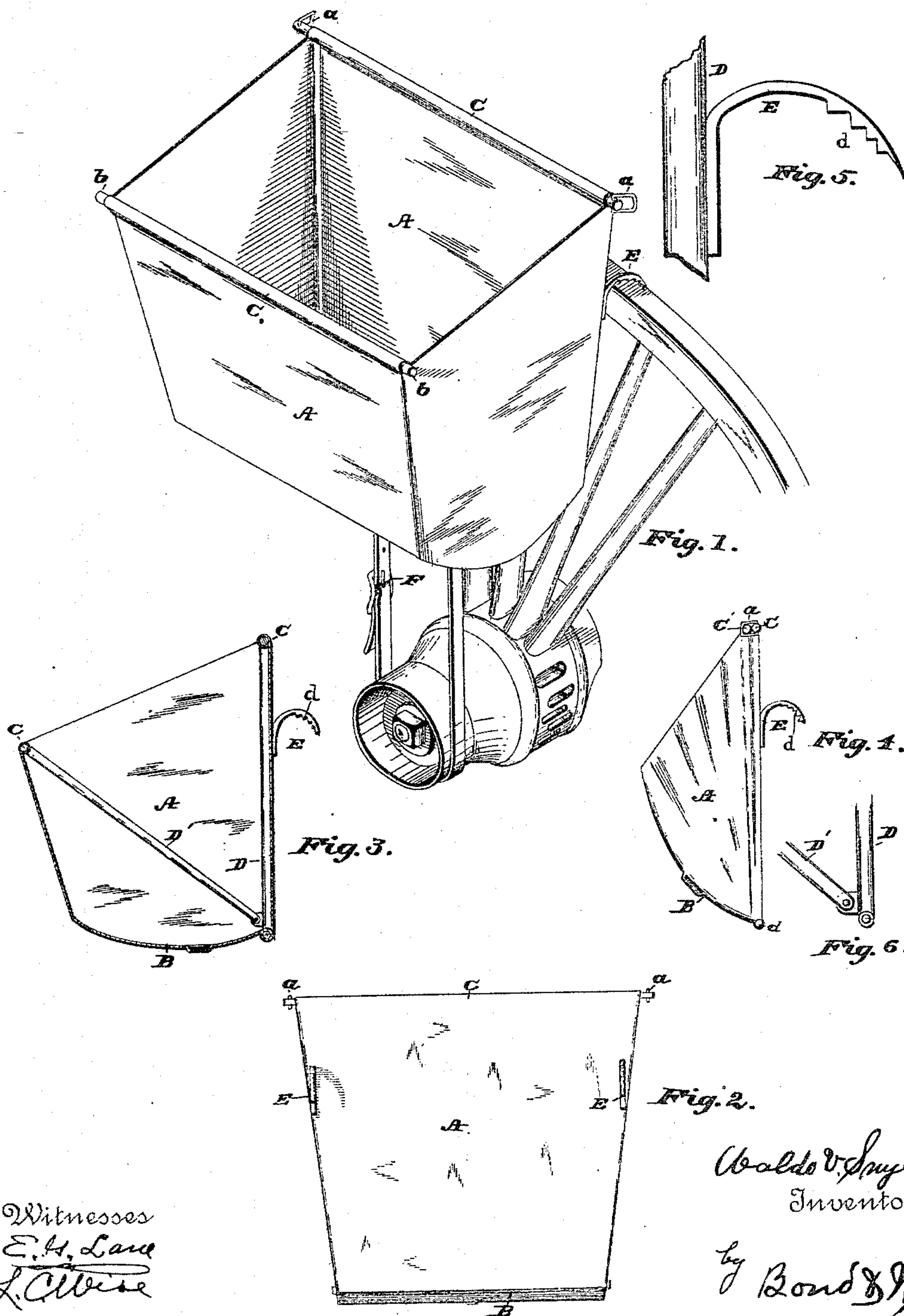


(No Model.)

W. V. SNYDER.
FEED BOX.

No. 412,304.

Patented Oct. 8, 1889.



Witnesses
E. H. Lane
L. C. Wise

Waldo V. Snyder
Inventor

by Bond & Hix
Attorneys.

UNITED STATES PATENT OFFICE.

WALDO V. SNYDER, OF CANTON, OHIO.

FEED-BOX.

SPECIFICATION forming part of Letters Patent No. 412,304, dated October 8, 1889.

Application filed January 14, 1889. Serial No. 296,351. (No model.)

To all whom it may concern:

Be it known that I, WALDO V. SNYDER, a citizen of the United States, and a resident of Canton, in the county of Stark and State of Ohio, have invented certain new and useful Improvements in Feed-Boxes, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, in which—

Figure 1 is an isometrical view showing box properly attached to a vehicle-wheel. Fig. 2 is a rear view of the box. Fig. 3 is a longitudinal sectional view showing the box open. Fig. 4 is an end view showing box closed. Fig. 5 is an enlarged detached view of one of the supporting-hooks. Fig. 6 is a view of one of the hinges.

The present invention has relation to feed-boxes, and its nature consists in the different parts and combination of parts hereinafter described, and particularly pointed out in the claims.

Similar letters of reference indicate corresponding parts in all the figures of the drawings.

In the accompanying drawings, A represents the sides and ends of the box proper, which are preferably formed of canvas. The bottom B is formed of sheet metal, and may be substantially of the form shown in the drawings. To the top of the box proper are attached the bars C and C', said bars being securely attached to the arms D and D' in any convenient and well-known manner. To the bar C are pivotally attached the links a, which are for the purpose of engaging the extensions b, as shown in Fig. 4, thereby holding the box in a closed position. To the arms D are securely attached the supporting-hooks E, said hooks being located substantially as shown in Fig. 4, and are for the purpose of attaching the feed-box proper to the top of a vehicle-wheel, as illustrated in Fig. 1. These supporting-hooks are provided with the notches d, which are for the purpose of engaging the tires of vehicle-wheels having different widths.

For the purpose of preventing the box

from becoming accidentally displaced while in use the strap F is provided, which is attached to the hub of the vehicle-wheel. Said strap is attached to the bottom B by means of staples or their equivalent. The arms D and D' are hinged together at their bottom or lower end, substantially as illustrated in Fig. 6.

It will be seen that by my peculiar arrangement feed can be placed in the box and the box closed, as illustrated in Fig. 4. It will also be understood that the canvas is to be securely attached to the bottom B and the bars C and C'. The bottom B is hinged to the bar D by folding or wrapping the back edge or side of said bottom around the bar, substantially as illustrated in Fig. 3.

It will be understood that the box proper may be attached to a wagon-box or any other desired place to feed a horse.

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

1. The combination of the canvas adapted to form the sides and ends of a feed-box, the bottom B, the bars C and C', located at the top of the box and provided with the extensions b, the links a, and the bars D and D', hinged together at their bottom or lower ends, substantially as and for the purpose set forth.

2. The herein-described feed-box, consisting of the canvas ends and sides, the hinged arms D and D', the bars C and C', located at the top of the box, and the supporting-hooks E, substantially as and for the purpose set forth.

3. The combination of the bars C and C', having the extensions b, the links a, the arms D and D', hinged together at their bottom ends, and the strap F, attached to the bottom B, and adapted to engage the hub of a vehicle, substantially as and for the purpose specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses:

WALDO V. SNYDER.

Witnesses:

FRED W. BOND,
L. C. WISE.