

June 19, 1923.

1,458,996

B. R. SIGLIN

HOG RINGING AND LOADING CHUTE

Filed June 28, 1922

2 Sheets-Sheet 1

Fig. 1.

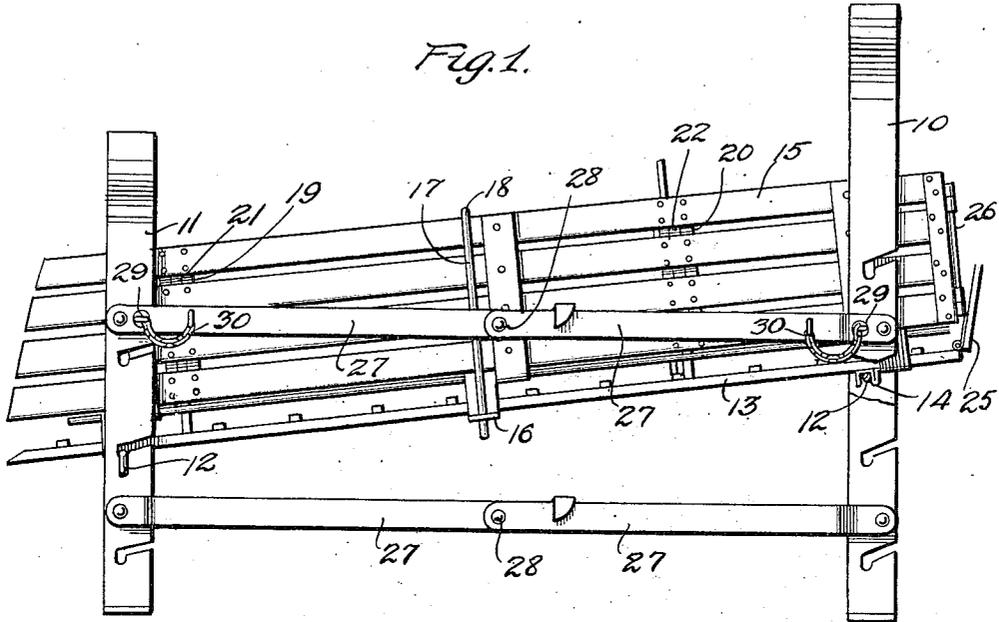
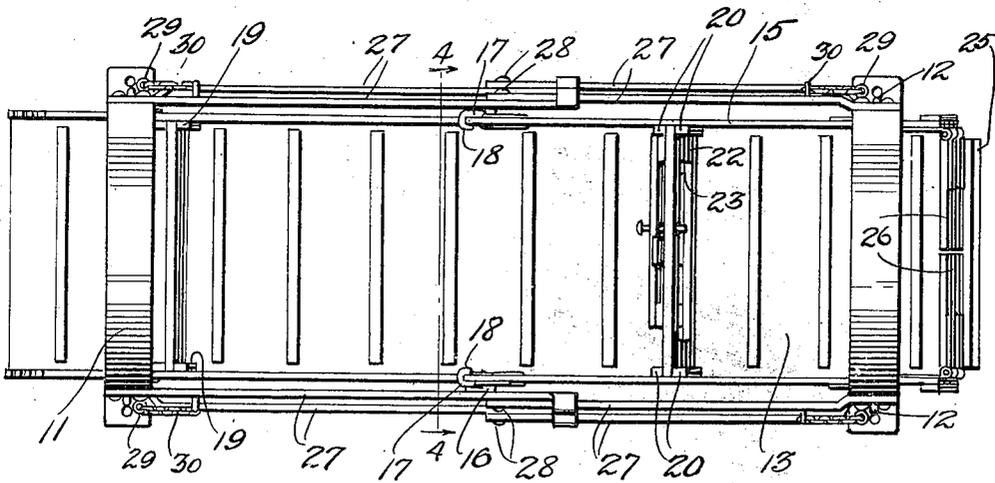


Fig. 3



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Fig. 1

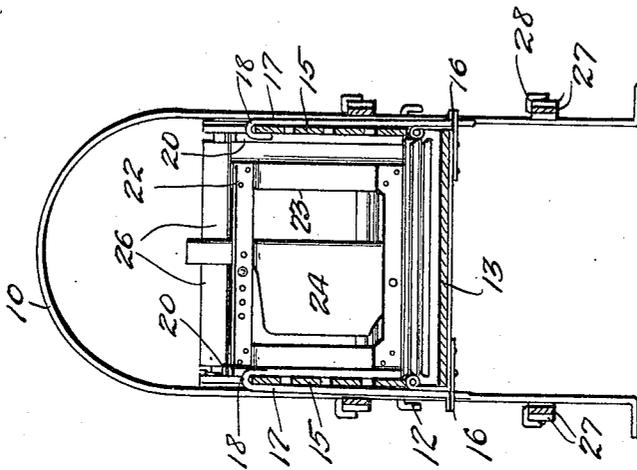
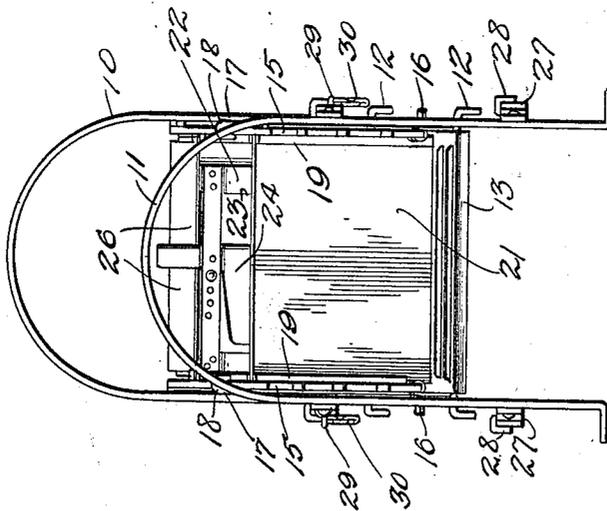


Fig. 2



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Fig.

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UNITED STATES PATENT OFFICE.

BERT R. SIGLIN, OF AURELIA, IOWA.

HOG RINGING AND LOADING CHUTE.

Application filed June 28, 1922. Serial No. 571,481.

To all whom it may concern:

Be it known that I, BERT R. SIGLIN, a citizen of the United States, residing at Aurelia, in the county of Cherokee, State of Iowa, have invented certain new and useful Improvements in Hog Ringing and Loading Chutes; 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.

This invention relates to new and useful improvements in live-stock handling devices, and particularly to devices for loading and ringing hogs.

One object of the invention is to provide a loading chute which is adapted for use in holding hogs while ringing them, such means being readily removable to permit the device to be used for loading and unloading the animals.

Another object of the invention is to provide a supporting frame for the runway chute which is readily foldable when not in use, and wherein the runway or chute is readily foldable to occupy a small space when not in use.

Another object is to provide a device of this character wherein the foldable sides of the runway or chute are provided with novel removable means for holding the sides in upright operative position.

Other objects and advantages will be apparent from the following description when taken in connection with the accompanying drawings.

In the drawings:

Figure 1 is a side elevation of a hog ringing and loading device made in accordance with the invention.

Figure 2 is an end view of the same.

Figure 3 is a top plan view of the device.

Figure 4 is a vertical transverse sectional view on the line 4—4 of Figure 3, showing the means for holding the sides in upright position.

Referring particularly to the accompanying drawings, 10 and 11 represent a pair of arched supports, each leg of each of which is formed with a longitudinal series of L-shaped notches in one edge thereof, for the reception of the ends of the transverse bars or rods 12. The support 10 is of greater height than the support 11, as clearly seen in the side and end views of the drawings. Ar-

ranged to be supported by the rods 12 is the platform 13, bifurcated members 14 being secured to the lower face, of one end of the platform, for straddling engagement with one of the said rods, whereby to prevent the platform sliding longitudinally of the device. Hinged to each of the longer sides of the platform 13 is a slatted side wall or fence 15, which is adapted to be folded down onto the platform, when the device is not in use, or when it is to be stored or transported. Projecting horizontally from opposite sides of the platform, and secured to the lower face thereof, is an apertured ear 16, and disposed in each of these ears is the lower end of a vertical rod 17, the upper end of which is hooked, as at 18, and engaged over the upper edge of the side wall 15, when said wall is in a vertical position, for the purpose of maintaining said wall in such vertical or upright position.

Secured to the inner face of each of the side walls 15, are the pairs of battens or guide strips 19 and 20, the former being arranged to receive therebetween the vertical end edges of the gate 21, while the latter is arranged to receive therebetween the gate 22, which latter gate is formed with an opening 23, for the head of a hog to be ringed. A stanchion bar 24 is pivotally mounted in the opening 23, for holding the animal's head.

It will be noted that the rods 12 are so adjusted in their respective arched supports as to dispose the runway in an inclined position, with the higher end at the support 10. Hinged to the upper end of the platform is a tail gate 25, and hinged to the adjacent end of each side wall 15 is a horizontally swingable gate 26, the former being arranged to rest on the sill or entrance of a car doorway, or the rear end of the bed of a wagon, for the animals to walk upon, when being transferred. The gates are arranged to be closed to stop the animals when a sufficient number have been transferred.

Pivotally connected to each leg of each of the supports 10 and 11 is a link 27, those at each side of the device being connected by means of a break-joint hinge 28, whereby to permit the supports 10 and 11 to be moved toward each other, for the purpose of folding the device, after the platform has been removed and properly folded.

It will, of course, be understood, that

when the device is to be used as a loading or unloading device, the gates 21 and 22 are removed.

Also, when the device is used with the 5 gates, for ringing hogs, the platform is lowered, by means of the rods 12, so that the platform is in an approximately horizontal position.

As an additional means for holding the 10 bars 27 against movement, with respect to the arched members 10 and 11, removable pins 29 are disposed through the legs of the arched members and the ends of said bars, the pins being connected to the bars by 15 means of the chains 30, to prevent loss of the pins.

What is claimed is:

1. A device of the class described including arched supports, a platform extending 20 between and adjustable on the supports, and foldable connections between the supports.
2. A device of the class described including a pair of spaced arched supports, fold-

able links connecting the supports, a platform disposed longitudinally between the 25 supports, means on the platform and the supports for vertical adjustment of the ends of the platform, and foldable sides on the platform having means for holding the latter 30 in vertical position.

3. A device of the class described including supports, a platform on the supports, foldable sides on the platform, apertured ears extending laterally from the platform, and vertical rods having their lower ends 35 disposed in the ears and having hooks on their upper ends engaged over the upper edges of the said sides, said rods lying against the wider faces of the sides.

In testimony whereof, I affix my signature, 40 ture, in the presence of two witnesses.

BERT R. SIGLIN.

Witnesses:

H. SIGLIN,
GEO. J. LAMM.