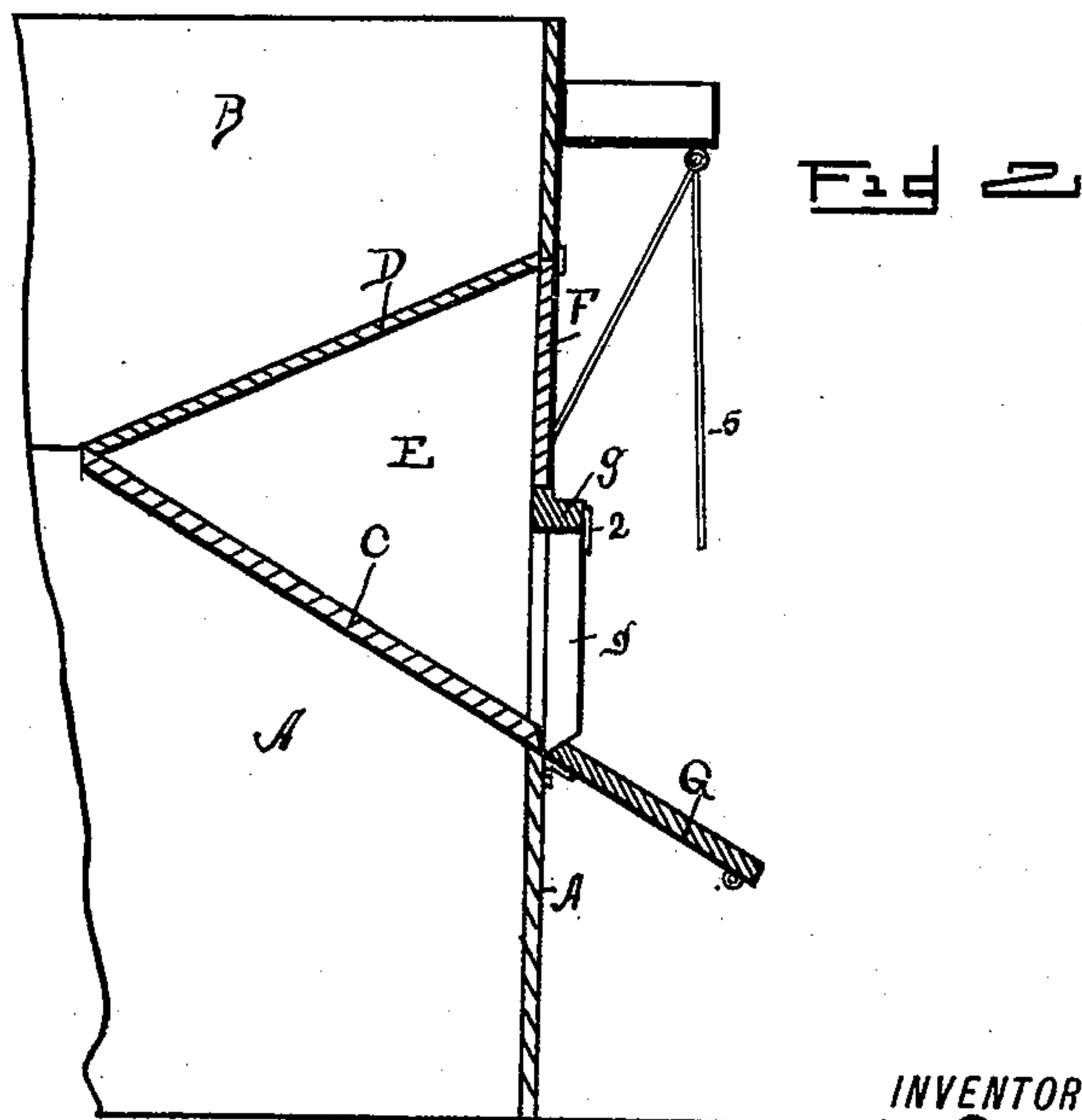
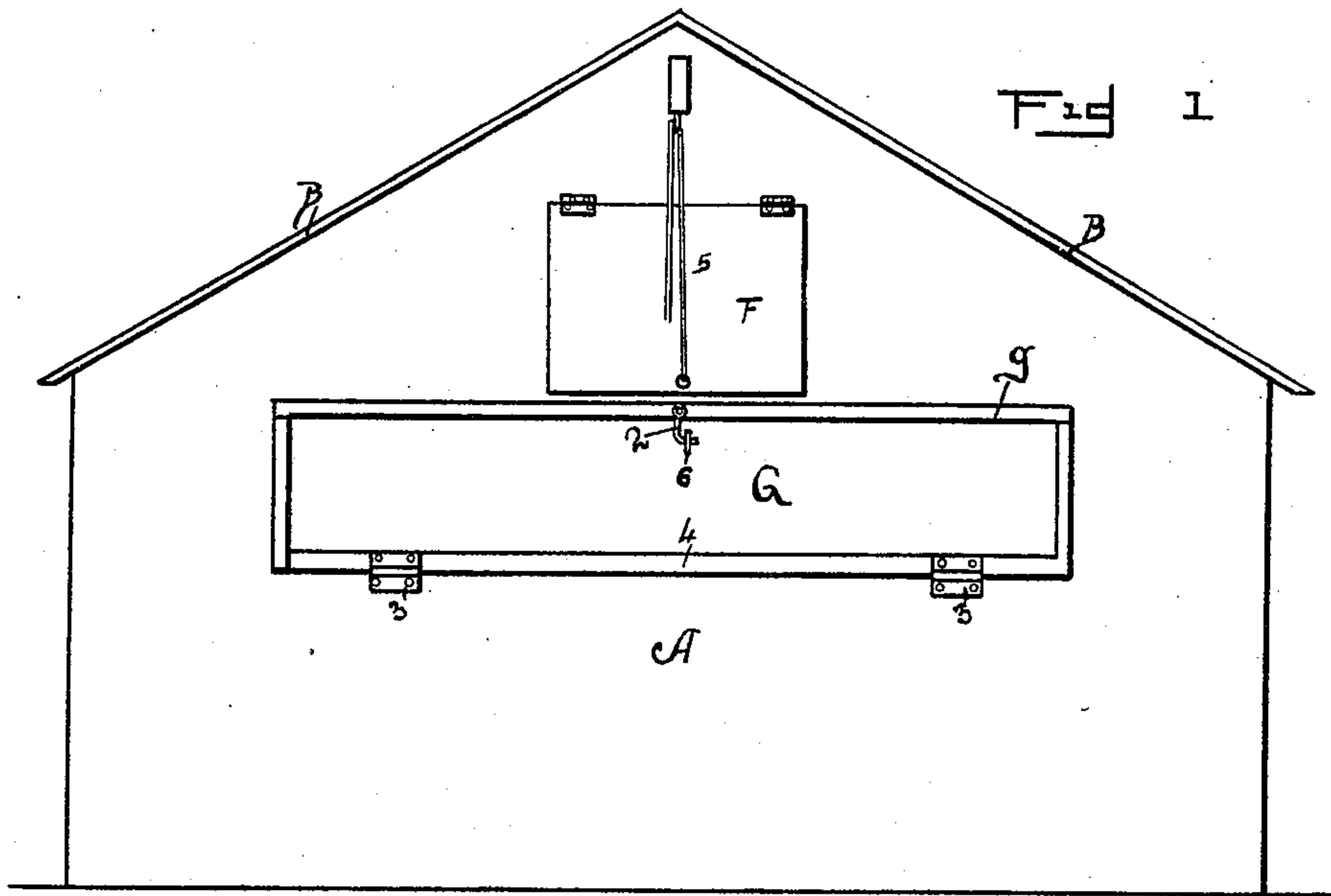


(No Model.)

J. L. PAXTON.
STOCK PEN.

No. 587,325.

Patented Aug. 3, 1897.



WITNESSES:

E. P. Bolser.
W. E. Banker.

INVENTOR

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UNITED STATES PATENT OFFICE.

JAMES L. PAXTON, OF SOUTH OMAHA, NEBRASKA.

STOCK-PEN.

SPECIFICATION forming part of Letters Patent No. 587,325, dated August 3, 1897.

Application filed January 30, 1896. Serial No. 577,470. (No model.)

To all whom it may concern:

Be it known that I, JAMES L. PAXTON, residing at South Omaha, in the county of Douglas and State of Nebraska, have invented certain useful Improvements in Stock-Pens; and I do hereby declare that the following is 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, which form a part of this specification.

This invention has relation to a new and novel improvement in stock-pens.

The object of my invention is to provide a stock-pen which shall embrace a reservoir or stationary chamber in which a certain amount of feed for the stock can be temporarily stored.

It should be mentioned here that my invention is more particularly adapted to be used in stock-yards. In all large stock-yards where the hogs are received temporarily pending a sale and reshipment stock-pens are provided adapted to temporarily shelter and receive the stock. All stock received after a certain time is placed in these stock-pens, and at a certain time in the morning all the stock must be fed, so as to be in shape for the first buyers in the morning. In large yards where thousands of head of stock have to be fed it is of the greatest importance that they all be fed within a certain limit of time, as it would be impracticable to employ a great force of men so as to feed all the stock within a certain limit of time, as there would be no further employment for these men. I provide my improved stock-pen with a temporary shelter-chamber, as will be described more fully hereinafter.

In the accompanying drawings, Figure 1 shows an end view of an ordinary stock-pen, while Fig. 2 shows a broken, partly sectional, transverse view of a stock-pen provided with my improvement.

It is well known that temporary stock-pens as used in large stock-yards are sheds not very much higher than is required for stock and in which men could move around freely, which pens are usually subdivided. These pens in my invention are provided at the ends with a feed-reservoir comprising a bottom C,

adapted to incline upwardly and which is secured a suitable distance above the ground within the pen, so as not to interfere with the stock. Extending at an angle from this bottom C, I next provide a solid deck or top D, which is secured to the front A of the pen, so that the reservoir is preferably in the shape of a compartment having the side of the pen for a base. It is of course understood, however, that the shape of my storage-chamber cuts no figure, excepting possibly the slanting bottom C, which is put in so that the grain will readily empty. These storage-chambers can be placed either at one or both ends of the stock-pen. Leading into this storage-chamber is an opening which is covered by the door F, which for sake of convenience is provided with an operating-strand 5.

In working my invention it is intended that the hands during the daytime when work is slack fill up their wagons with grain or feed and drive to the end of these stock-pens and fill these reservoirs or chambers with the grain, which are provided with suitable sides E, the filling being done through the openings closed by the drop F. In the morning, however, when the time for feeding the stock is limited, the hands are supposed to start from the bins with a full load and distribute this load and then drive to the end of the pen, when it is simply necessary to remove the hook 2, which works into a suitable eye 6, when the door G will be permitted to fall downwardly, which door extends the full length of the reservoir, so that the chamber can be instantly emptied, this door G being approximately the length of the wagon. The grain is then delivered by the men as they go along beside the pen, and when the end is reached a second load can be taken aboard.

To enable the operator, who usually approaches the pens in a wagon, to more readily open the trap, I provide the projecting sill g, to which the hoop 2 is secured, and which sill is adapted to hold the door G, provided below with the end strip 4, to which are secured the hinges 3 3, so that this door when upset forms a chute extending outward a suitable distance, as is shown in Fig. 2.

In large stock-yards where my invention has been used it is found of great utility in

that it saves time and enables the stock being fed within a certain limit of time.

I am well aware that it is not new, broadly, to combine a trough and rack, as is shown in
5 Patent No. 237,435, issued February 8, 1891; but

What I do claim as new, and desire to secure by United States Letters Patent, is—

10 The combination in a stock-pen of a feed-reservoir, said reservoir comprising the inclined bottom, C, the sides, E, E, and the top, D, the dumping-gate, G, extending the full

width of the reservoir, near the lower edge thereof, said gate acting as a closure so that said reservoir may be filled, said gate dumping 15
ing outward so that said reservoir may be instantly emptied, and the hinged door, F, so that said reservoir may be filled.

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

JAMES L. PAXTON.

Witnesses:

ELMER G. STARR,
GERTRUDE P. BOLSER.