

(No Model.)

T. ALLEN.

DEVICE FOR LOADING LIVE STOCK ON WAGONS.

No. 319,164.

Patented June 2, 1885.

Fig. 1.

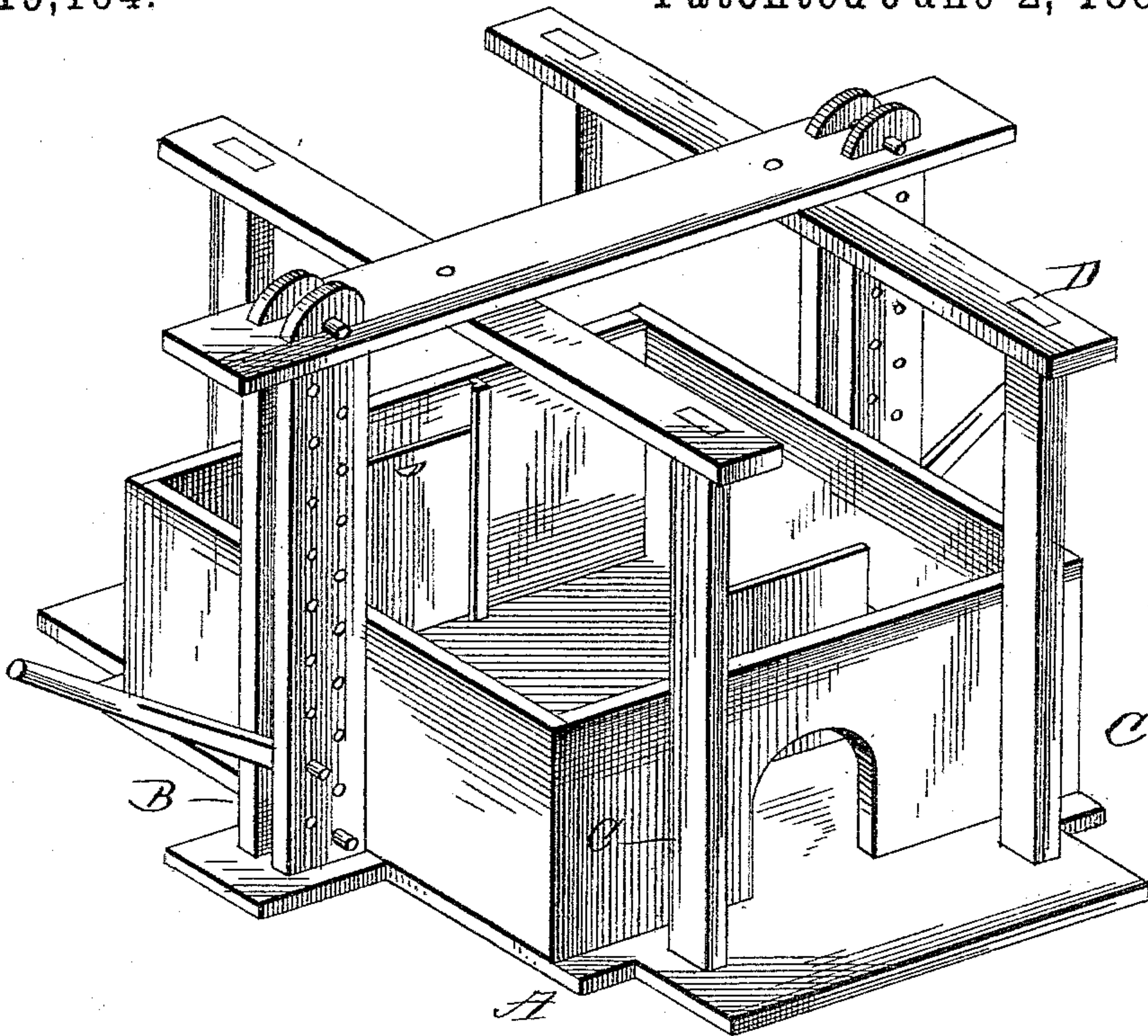


Fig. 2.

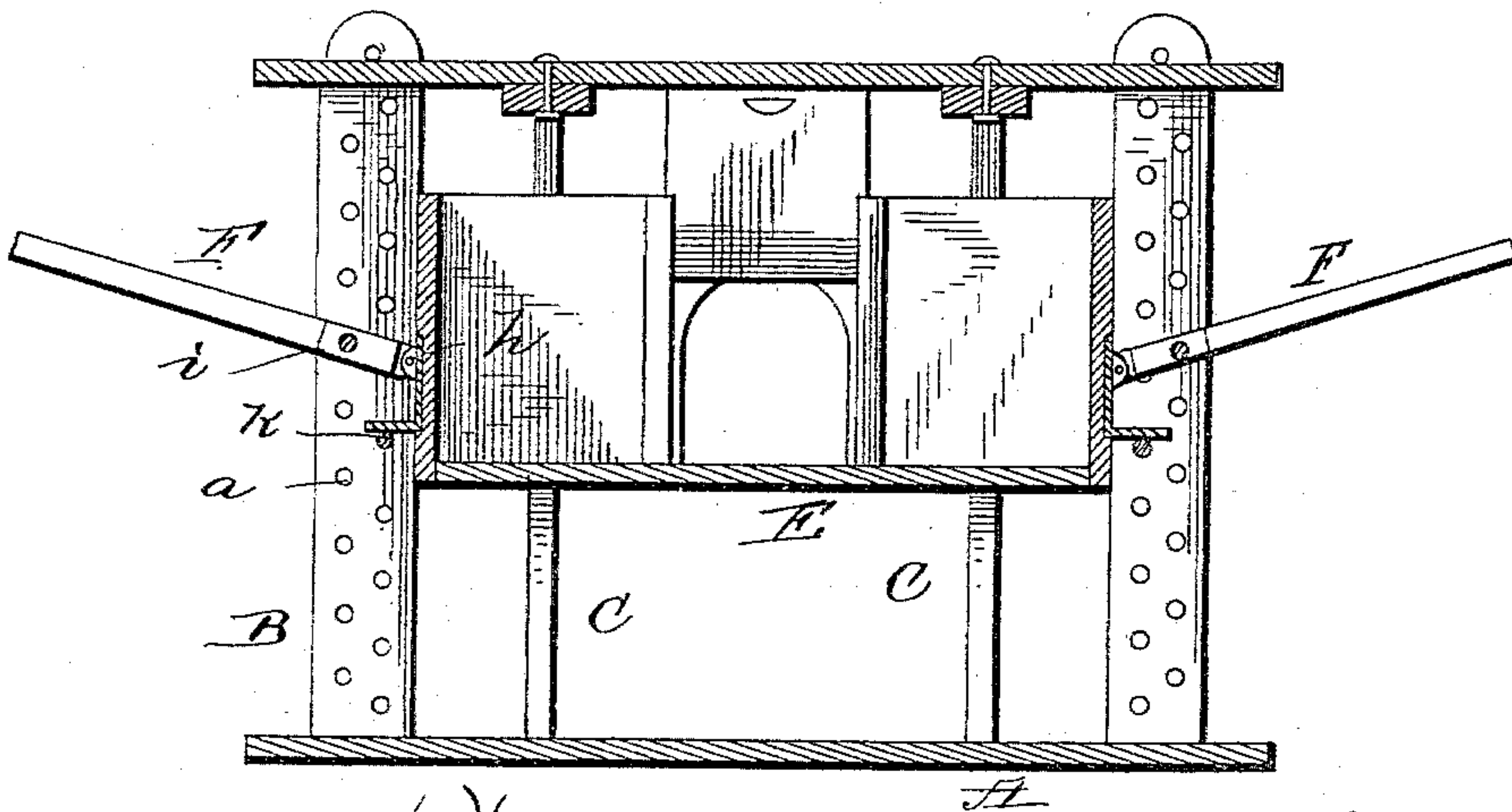
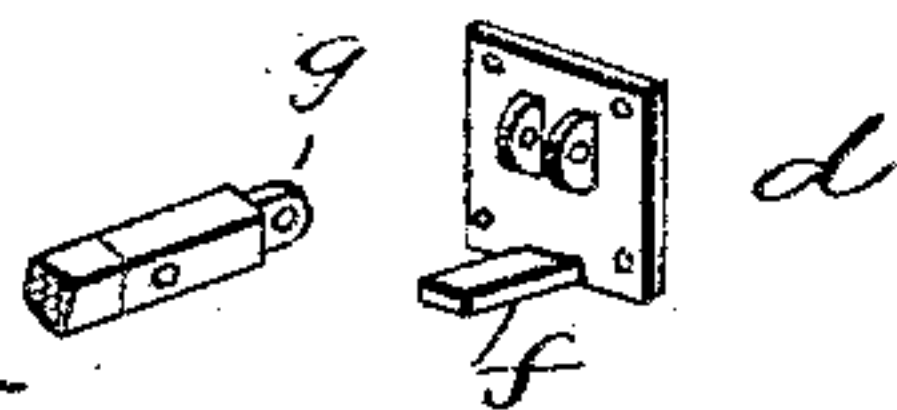


Fig. 3.

WITNESSES  
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# UNITED STATES PATENT OFFICE.

TROWBRIDGE ALLEN, OF SPRING RANCHE, NEBRASKA.

## DEVICE FOR LOADING LIVE STOCK ON WAGONS.

SPECIFICATION forming part of Letters Patent No. 319,164, dated June 2, 1885.

Application filed April 23, 1885. (No model.)

*To all whom it may concern:*

Be it known that I, TROWBRIDGE ALLEN, a citizen of the United States of America, residing at Spring Ranche, in the county of Clay and State of Nebraska, have invented certain new and useful Improvements in Devices for Loading Live Stock on Wagons; 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, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to a device for loading live stock on wagons, cars, &c.; and it consists in the improvements hereinafter described and set forth.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of my improved loading device. Fig. 2 is a central vertical elevation; and Fig. 3 is a detail perspective view.

Upon a base, A, at each side thereof, are mounted two parallel vertical standards, B, which are each provided with a series of perforations, *a*, registering with each other.

At the front and rear portions of the base A are located parallel vertical standards C, which are connected together at their upper ends by means of beams D. The said standards C, in connection with the standards B, form a guide or frame-work for a car or platform, E, provided at each side with a metallic bracket-casting, *d*, having parallel perforated ears *e* and horizontally-projecting arms *f*. A lever, F, is located at each side between the

standards B, terminates in a tongue, *g*, which is pivotally secured between the ears *e* of the bracket by means of a pin, *h*. Each of said levers is horizontally perforated for the passage of a pin, *i*, which is designed to engage one of the openings in each pair of standards B.

From the foregoing description it will be obvious that when the car rests upon the base the pin *i* engages one pair of the lower holes, *a*. The said levers F can be jointly manipulated to elevate the car a short distance, after which a pin, *k*, is passed through one pair of openings beneath arm *f*, so that said arm can rest on said pins *k* and thus support the car in its suspended position. Then pin *i* is next changed to a higher pair of holes, after which the above-described lifting operation is repeated until the car attains its proper height.

It will be most desirable to provide the car with sides and openings therein, covered by ventilating sliding doors designed to close the latter.

I claim—

1. The combination, for the purpose specified, of a perforated standard, B, car E, projections *f* thereon, levers F, pivoted to said car, and removable pins *i k*, substantially as set forth.

2. The combination, in a device for loading stock, constructed and operating substantially as and for the purpose specified, of castings *d*, as set forth.

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

TROWBRIDGE ALLEN.

Witnesses:

J. L. OPPERSON,  
S. W. BIRCH.