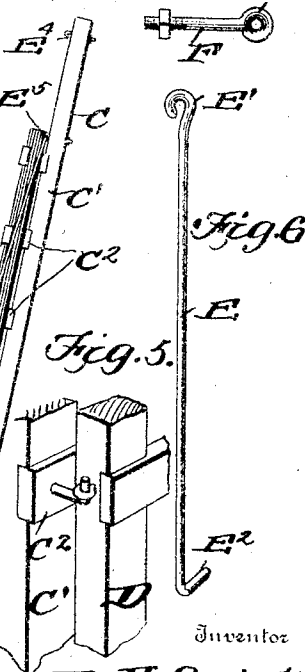
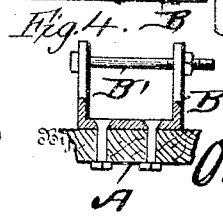
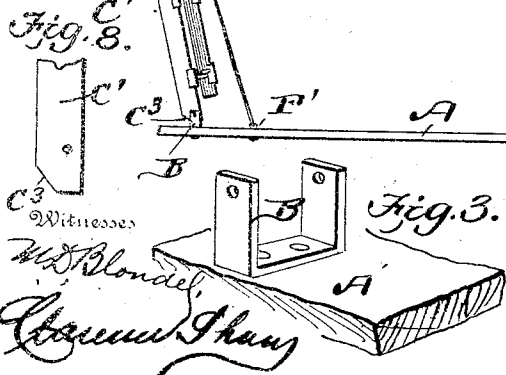
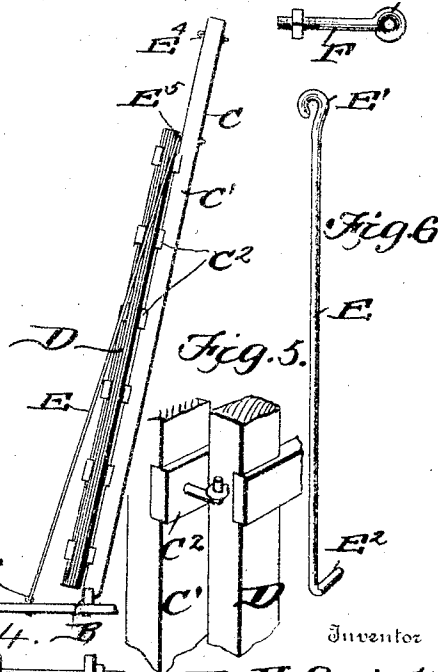
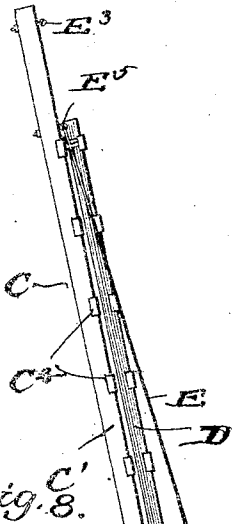
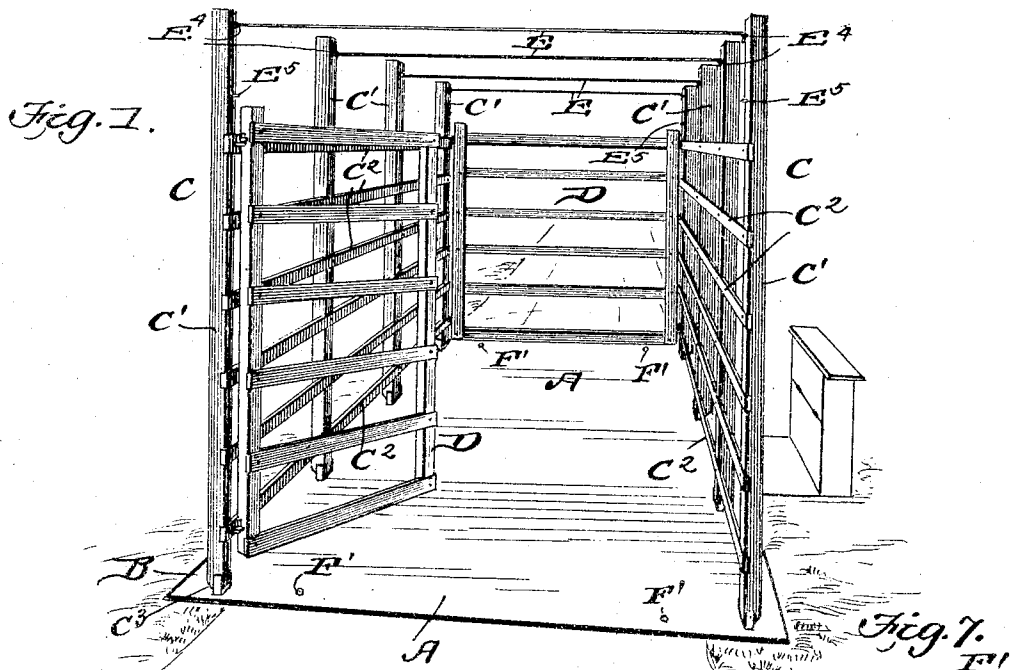


No. 779,314.

PATENTED JAN. 3, 1905.

R. H. QUICK.
ADJUSTABLE STOCK RACK.
APPLICATION FILED FEB. 6, 1904



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UNITED STATES PATENT OFFICE.

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ADJUSTABLE STOCK-RACK.

SPECIFICATION forming part of Letters Patent No. 779,314, dated January 3, 1905.

Application filed February 6, 1904. Serial No. 192,424.

To all whom it may concern:

Be it known that I, ROSCOE H. QUICK, a citizen of the United States, residing at Fiatt, in the county of Fulton and State of Illinois, have
5 invented a new and useful Adjustable Stock-Rack, of which the following is a specification.

This invention relates generally to stock-racks, and more particularly to one adapted for use in connection with the platform of a
10 weighing-scale, the object being to provide a folding rack which can be quickly and easily set up in position upon the platform of the scales.

A further object is to provide a rack of this
15 kind which can be quickly and easily folded out of the way when not in use and which will leave the platform of the scales free and unobstructed, so that it may be a permanent fixture upon the scale-platform.

20 With these objects in view the invention consists of the side sections hinged to the platform, hinged gates arranged at the ends of the platform, stay-rods adapted to engage oppositely-disposed eyes carried by the oppos-
25 ing uprights of the side sections when the rack is in position for use and adapted to engage eyes carried by the end uprights of the side sections, and eyebolts fastened to the platform.

In the accompanying drawings, Figure 1 is
30 a perspective view of my rack, the parts being arranged in position for use. Fig. 2 is an end view showing the gates folded against the side sections and said sections tilted back for the purpose of leaving the platform free
35 and unobstructed. Fig. 3 is a detail perspective view of one of the brackets to which the side section is hinged. Fig. 4 is a detail sectional view of one of the said brackets. Fig. 5 is a detail perspective view showing the
40 hinge between the side sections and the gate or end sections. Fig. 6 is a detail view of the stay-rod. Fig. 7 is a view of the eyebolt, and Fig. 8 is a detail view of the lower end of one of the uprights and showing the manner of
45 cutting same away.

As before stated, my rack is adapted to be used in connection with the ordinary platform-scale, and in making such connections I employ brackets B, secured at the corners and
50 along the sides of the platform A, using as

many brackets B as may be desired or found necessary for racks with different numbers of uprights in the side sections, and pivoted in said brackets upon bolts B' are the uprights C' of the side sections C, each side section
55 comprising a plurality of horizontal strips C². A gate D is hinged to each of the side sections C, said gates being arranged at opposite ends of the platform and adapted to fold or swing in or out in opposite directions.
60

When the side sections C are adjusted in a vertical position, as shown in Fig. 1, the gates are closed for the purpose of confining the stock upon the scales, it being understood that one gate is first closed and the other after the
65 stock has been driven in the rack. For the purpose of locking the side sections C in their vertical position I employ stay-rods E, four being shown, and more or less number may be employed, according to the number of up-
70 rights C' used. One end of each stay-rod is formed with an open eye E' and the opposite end with a hook E². The eye E' is hooked into an eye E³, carried at the upper end of one of the uprights, and the hook E² engages an
75 eye E⁴, carried at the upper end of the opposing upright of the opposite side section. These stay-rods hold the sides of the rack in their upright position, and it will of course be understood that the sides of the rack are
80 sufficiently high to prevent the cattle from disengaging the stay-rods after they have once been set in place.

When the rack is not in use, the gates are folded against their respective side sections.
85 When desired, as in the case of weighing wide loads of hay or other bulky loads, the side sections are tilted or inclined outwardly, and to permit this movement the uprights C' are cut away at their lower ends on the outer sides,
90 as at C³. When the side sections are to be outwardly inclined, the stay-rods are first detached from the eyes E³ and E⁴ and the hook ends E² are made to engage the eye portion F' of the eyebolt F, these bolts F being se-
95 curely fastened to the platform A adjacent the brackets B. Thus it will be seen that the same stay-rods are employed for holding the side sections in either their upright or inclined positions. This arrangement makes it impos-
100

sible for the side sections to incline inward at any time or outward when the stay-rods are hooked in the eyes E³ and E⁴. The racks may be of any length or height desired.

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

1. A stock-rack comprising side sections adapted to swing outwardly, end gates hinged
10 thereto, stay-rods, eyes carried by and adjacent the upper edge of the said side sections, eyes carried by the said sections below and in vertical alinement with the eyes first mentioned, and eyebolts arranged upon the plat-
15 form between the side sections, as and for the purpose set forth.

2. A device of the kind described comprising a plurality of uprights arranged in parallel rows and hinged at their lower ends to swing away from the opposite uprights, horizontal strips connecting the uprights of each row, gates hinged at each end of the parallel rows, eyes arranged at the upper end of each upright, stay-rods adapted to engage said eyes and extend from one row of uprights to the
25 other, eyes arranged on the uprights below the first-mentioned eyes, and eyes arranged upon the platform.

R. H. QUICK.

Witnesses:

A. W. CHRISTOPHER,
S. E. MOSHER.