March 12, 1929. J. L. CROSLEY 1,705,003

KNOCKDOWN COOP

Filed Aug. 26, 1927 2 Sheets-Sheet 1

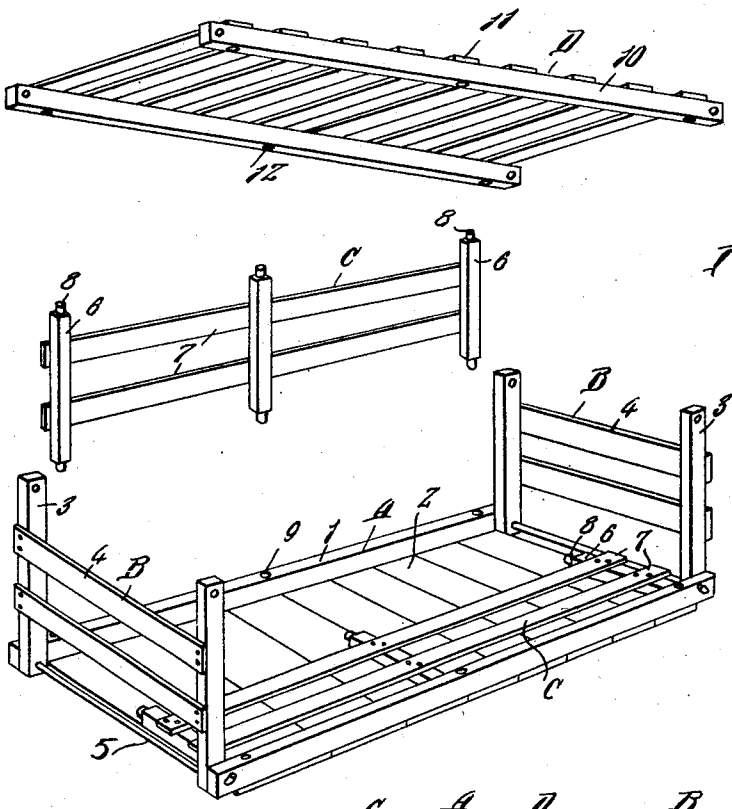


Fig. 1.

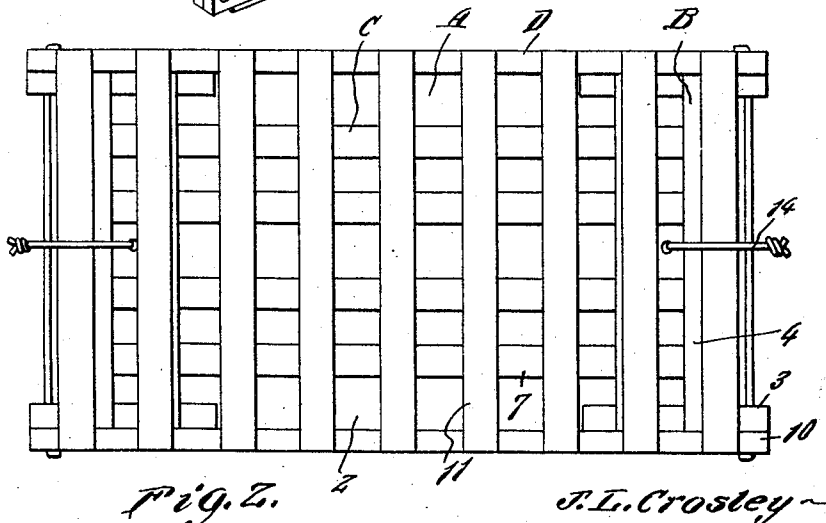


Fig. 2.

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Filed Aug. 26, 1927 2 Sheets-Sheet 2

Fig. 3.

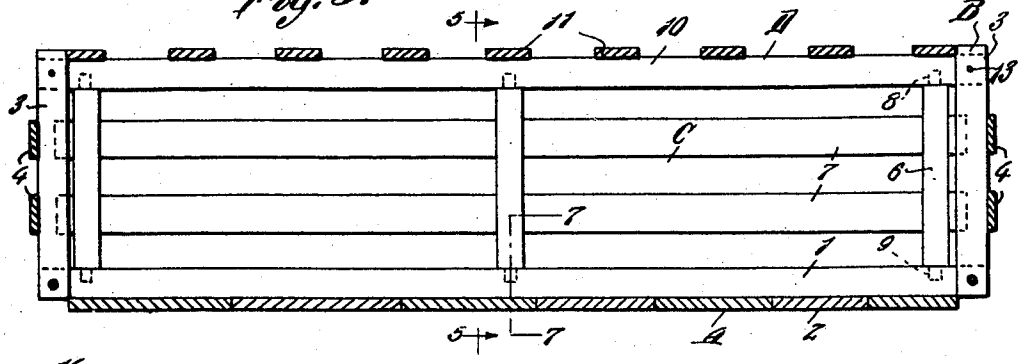


Fig. 4.

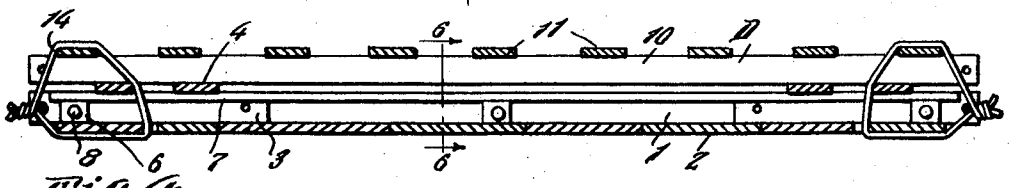


Fig. 5.

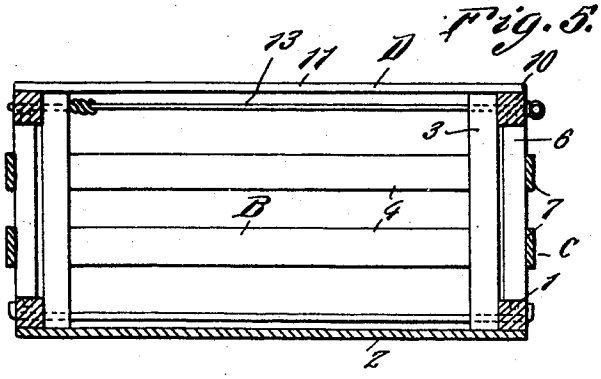
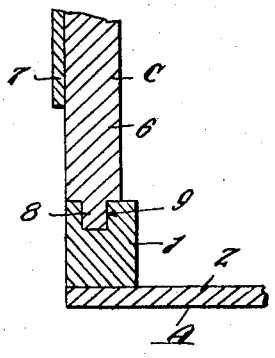


Fig. 7.



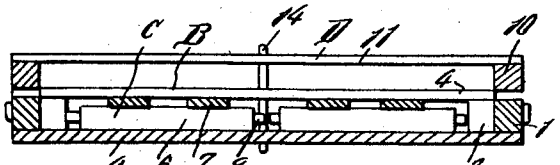


Fig. 6.

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Patented Mar. 12, 1929. 1,705,003

UNITED STATES PATENT OFFICE.

JOHN L. CROSLEY, OF MOREHEAD, KENTUCKY.

KNOCKDOWN COOP.

Application filed August 26, 1927. Serial No. 215,740.

This invention relates to a knock-down coop or crate, the general object of the invention being to provide a device which can be easily and quickly assembled and knocked down and which, when knocked down, will occupy but little space.

This invention also consists in certain other features of construction and in the combination and arrangement of the several parts, to be hereinafter fully described, illustrated in the accompanying drawings and specifically pointed out in the appended claim.

In describing my invention in detail, reference will be had to the accompanying drawings wherein like characters denote like or corresponding parts throughout the several views, and in which:—

Figure 1 is a view showing the parts of the coop or crate separated.

Figure 2 is a plan view showing the device knocked down.

Figure 3 is a longitudinal sectional view of the assembled device.

Figure 4 is a similar view showing the device knocked down.

Figure 5 is a section on line 5—5 of Figure 3.

Figure 6 is a section on line 6—6 of Figure 4.

Figure 7 is a section on line 7—7 of Figure 3.

In these views, A indicates the bottom of the coop or crate which is composed of the side beams 1 and the boards 2, these boards being arranged in abutting relation as shown, and have their ends attached to the under edges of the beams. Each end piece B is composed of the posts 3 and the strips or boards 4, these boards being spaced apart as shown. Holes are formed in the upper and lower ends of the posts and in the projecting ends of the beams 1 to receive the rods or wires 5 which hinge the end pieces B to the ends of the bottom, the posts engaging the inner sides of the beams so that when the end pieces are swung downwardly, the posts will engage the inner sides of the beams. Each side piece C is composed of a number of posts 6 and the boards or strips 7, these strips also being spaced apart as shown. The ends of the posts 6 are formed with dowels 8, the lower dowels engaging holes 9 formed in the beams 1 so that the side pieces are detachably connected with the bottom. The top D is composed of the beams 10 and the strips or boards 11, these strips being spaced apart as shown, and the beams 10 are provided with holes 12 to receive the top dowels of the side pieces. The projecting ends of the beams 10 are also provided with holes which register with the holes in the tops of the posts 3 so that wires or rods 13 may be passed through these holes to connect the top piece with the upper ends of the end pieces. As shown, the side pieces are of such a height that both of them can be placed on the bottom, while leaving space for the posts 3 of the end pieces to be folded upon the bottom, the side pieces being put in first and then the end pieces are folded upon the same, as clearly shown in Figure 4. Then the top is placed on the bottom so as to enclose the side and end pieces and then the parts can be fastened together by the wires 14 to hold the crate in knockdown condition.

From the foregoing it will be seen that I have provided a crate or coop which can be easily set up and when set up, will be of great strength, as all the parts are firmly connected together. It will also be seen that when knocked down, the device will occupy but little space and will be flat so that other articles can be placed on the same.

It is thought from the foregoing description that the advantages and novel features of my invention will be readily apparent.

I desire it to be understood that I may make changes in the construction and in the combination and arrangement of the several parts, provided that such changes fall within the scope of the appended claim.

What I claim is:—

A knock-down coop, comprising a bottom and a top, each composed of a pair of side beams and cross strips having their ends connected with the beams, with the end strips spaced from the ends of the beams and with holes in said ends, the beams of the bottom having holes in their upper edges and the beams of the top having holes in their lower edges, a pair of side members, each composed of a number of vertical posts and strips connected with the posts, said posts having reduced ends for engaging the holes in the side beams of the bottom and top, a pair of end members, each composed of a pair of posts and cross strips having their ends connected with the posts, the posts having holes therein adjacent their ends and said posts engaging the inner faces of

the ends of the beams of the top and bottom, rods passing through the holes in the ends of the beams of the top and bottom and through the holes in the posts of the end members, said side members being of such a height that they can be placed side by side between the beams of the bottom and the end members folded upon them with the top resting upon the folded parts whereby the device can have its parts fastened together when in knocked down condition.

In testimony whereof I affix my signature.

JOHN L. CROSLEY.