Oct. 26, 1926. 1,604,703

R. S. LYNCH

BABY YARD

Filed April 20, 1925

Fig. 1.

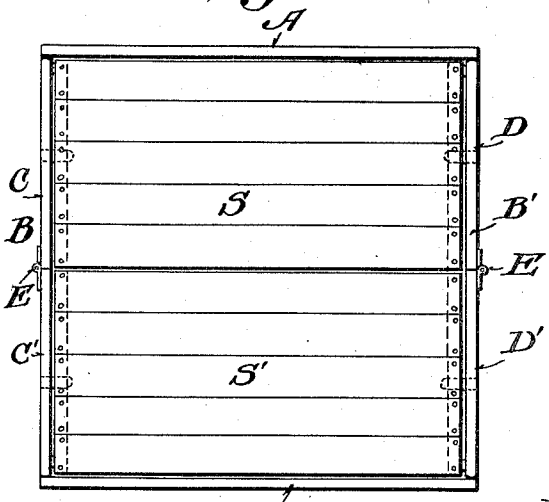


Fig. 5.

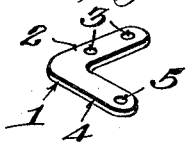


Fig. 6.

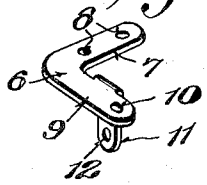


Fig. 2.

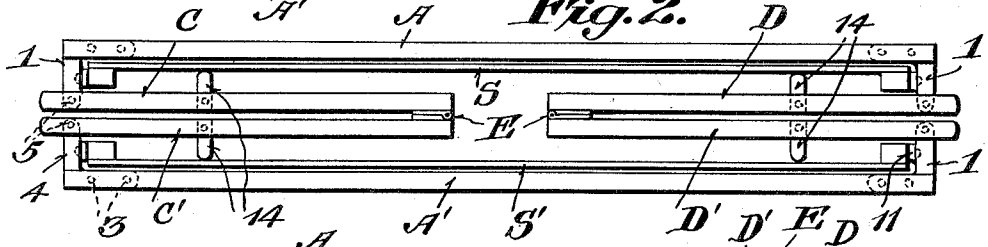


Fig. 3.

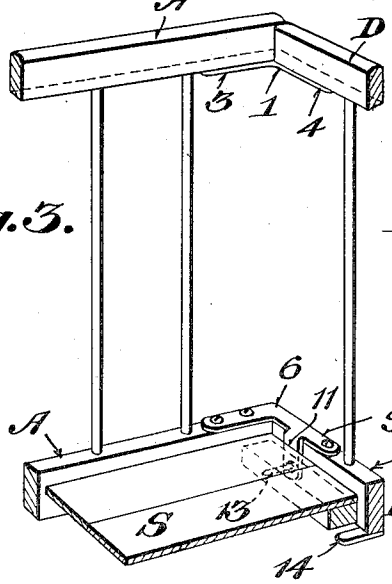
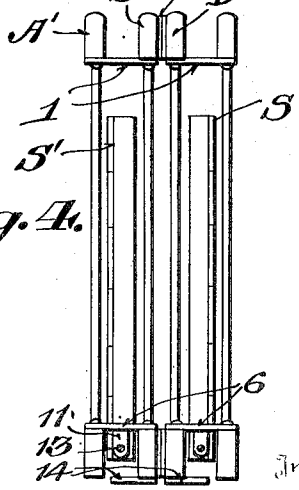


Fig. 4.



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UNITED STATES PATENT OFFICE.

RAYMOND S. LYNCH, OF LANCASTER, PENNSYLVANIA.

BABY YARD.

Application filed April 20, 1925. Serial No. 24,647.

This invention relates to children's furniture, and more particularly to a baby yard or pen adapted for nursery use.

To that end the invention contemplates a construction employing a novel type of hinge for supporting the floor sections of the device to facilitate collapsing and storing of the device.

A further object of the invention is to provide a novel hinge bracket that may be economically manufactured and readily assembled to pivotally support rigid floor sections in a pen or enclosure of the type referred to.

With the above and other objects in view which will more readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination and arrangement of parts hereinafter more fully described, illustrated and claimed.

A preferred and practical embodiment of the invention is shown in the accompanying drawings, in which:

Figure 1 is a top plan view of a baby yard embodying the present improvements.

Figure 2 is an enlarged top plan view of the yard shown in Figure 1 in a collapsed position.

Figure 3 is an enlarged detail perspective view of one corner of the pen.

Figure 4 is an end elevation of the collapsed yard shown in Figure 2.

Figure 5 is a perspective view of the top hinge member.

Figure 6 is a perspective view of the novel bottom hinge.

Similar reference characters designate corresponding parts throughout the several figures of the drawings.

As previously indicated, the present improvements are adapted and intended for use in connection with a folding or collapsible baby yard or pen having the rigid bottom of floor sections S and S′ as distinguished from a fabric or other flexible section carried by the sides A—A′ and the collapsible ends B and B′. The said collapsible ends B and B′ include the sections C and C′ and D and D′ respectively connected at their central meeting ends by the leaf hinges E in such a way that the said inner ends of the sections may collapse inwardly. The hinges E are of course applied to both the top and bottom rails of the sections forming the ends of the yard, and for the purpose of pivotally connecting said ends B and B′ with the sides A and A′, the top rails of the sections C, C′ and D and D′ are connected to the top rails of the sides A and A′ by the angular pivot bracket 1 shown in Figure 5. This bracket has the arm 2 thereof provided with the fastening receiving openings 3 for attaching to the top rail of the sides A and A′ while the arm 4 thereof is provided with a single pivot opening 5 for receiving a pivot fastening connecting with the top rails of the sections C, C′ and D and D′. This type of hinge bracket permits the ends of the rails of the ends B and B′ to swing in the manner indicated in Figure 2, from which it will be observed that they have a slight projection beyond the body of the arms 4 when the device is collapsed.

The important and distinctive feature of the present invention, however, resides in the provision of the novel hinge bracket 6 adapted for connecting the bottom rails of the sides and ends of the yard and also supporting the floor sections S and S′. This hinge bracket is shown in Figure 6 and includes the attaching arm 7 provided with the fastening receiving openings 8 and the pivot arm 9 provided with the pivot opening 10 and a depending hinge strap 11 having the pivot opening 12. With this type of hinge bracket the lower rails of the sides and ends may be connected in the same manner as the top rails, and furthermore the sections S and S′ may be pivotally supported on the straps 12 by the screw 13 or its equivalent passing through the pivot openings 12 of said straps thereby to engage the sections S and S′ in such a way that they may be lifted upwardly toward the side A or A′ when it is desired to collapse the device. As shown in Figure 2 the bottom sections S and S′ may be readily lifted or raised on the pivots 13 thereby to lie parallel to the inside faces of the sides A and A′, while the ends B and B′ fold inwardly as above indicated.

For the purpose of supporting the floor sections S and S′ when the yard is set up for use, the bottom rails of the sections C, C′ and D and D′ may be provided with the offset supporting abutments 14. These abutments engage and support the undersides of sections S and S′ thereby to make the entire yard a self sustaining structure when the floor sections S and S′ are in the

position shown in Figure 1. When the floor sections are arranged for use as shown the sides A and A′ and ends B and B′ of the pen are maintained in open or extended position so that there is no danger of the walls of the pen collapsing and injuring the child.

On the other hand, the provision of the novel hinge bracket shown in Figure 6 makes it entirely convenient and possible for the rigid floor sections S and S′ to be folded into a position which will readily permit of the collapsing of the yard.

Without further description it is thought that the features and advantages of the invention will be readily apparent to those skilled in the art, and it will of course be understood that changes in the form, proportion and minor details of construction may be resorted to, without departing from the spirit of the invention and scope of the appended claims.

I claim:

1. In a baby yard having side and end wall sections, rigid bottom sections, upper and lower corner brackets for pivotally connecting the corners of said side and end wall sections, said lower corner brackets comprising an angular body having fastening receiving openings in one member thereof and a single pivot opening in the other member thereof and also having a depending strap provided with a pivot receiving opening thereby to receive a pivot fastening for pivotally supporting the bottom sections.

2. In a baby yard having side and end wall sections, rigid bottom sections, upper and lower corner brackets for pivotally connecting the corners of said side and end wall sections, said lower corner brackets each comprising an angular body portion adapted to be carried by one of said sections and pivotally connected with the adjacent section, and also having a pivot strap depending from one edge of the body and adapted for pivotal supporting engagement with a bottom section.

In testimony whereof I hereunto affix my signature.

RAYMOND S. LYNCH.