July 12, 1927. 1,635,942

H. KNUDSEN

FOLDING FARROWING HOUSE

Filed Oct. 31, 1925

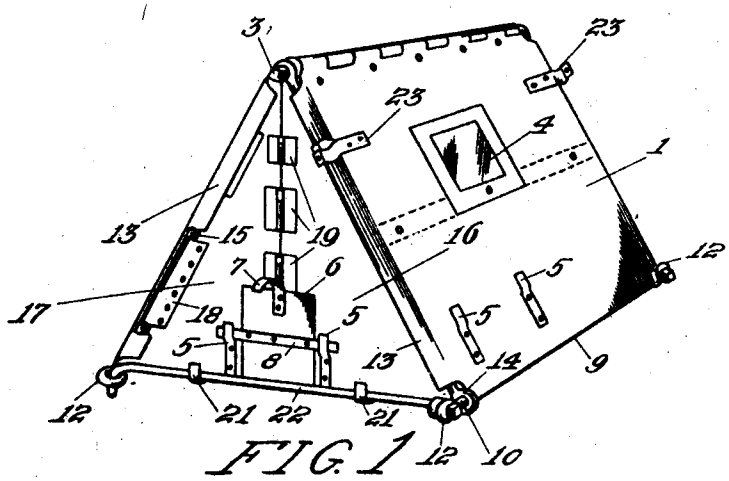


FIG. 1

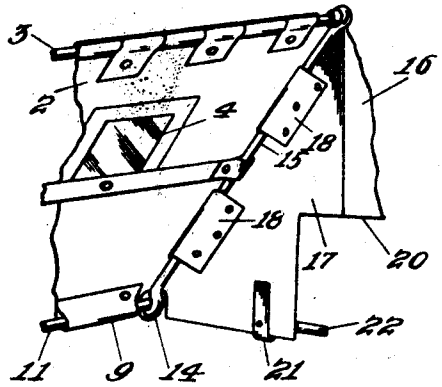


FIG. 2

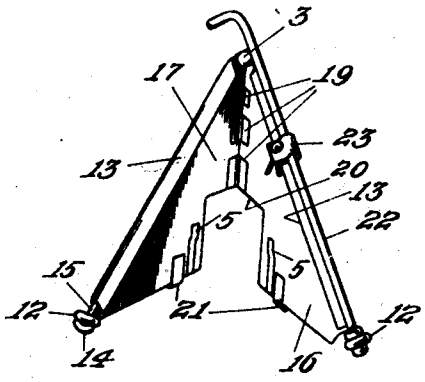


FIG. 3

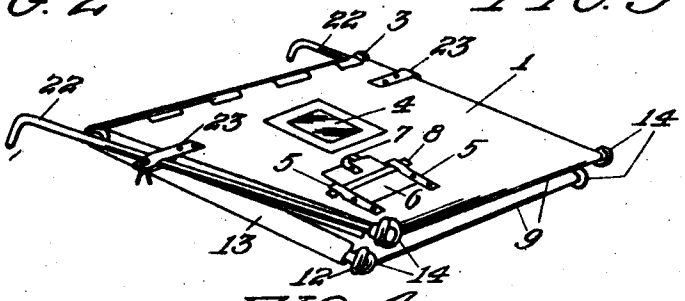


FIG. 4

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UNITED STATES PATENT OFFICE.

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FOLDING FARROWING HOUSE.

Application filed October 31, 1925. Serial No. 66,002.

This invention relates to improvements in portable folding farrowing houses and one object is to provide a simple practical device of this type that is cheap to manufacture, efficient in use and that can be readily assembled or folded.

With the foregoing and other objects in view the invention consists in the combination and arrangement of parts to be hereinafter fully described, pointed out in the appended claims and illustrated in the accompanying drawing which forms a part of this application and in which—

Fig. 1 is a perspective view of the folding farrowing house in operative position.

Fig. 2 is a fragmentary view showing one corner of the house from the inside.

Fig. 3 is a view of the end of the house only, partly folded.

Fig. 4 is a view showing the house completely folded.

Like reference characters denote corresponding parts throughout the several views.

The structure comprises the side walls 1, 2 which are hinged to the roof rod 3, each of said side walls being provided with a window 4 and the wall 1 having secured thereto the spaced angular keepers 5, the upper ends thereof being spaced away from the wall to receive the removable door 6, provided with the handle 7, when the house is folded or when said doors are not in use. A stay bar 8 secured to the door connects the keepers 5 when the door is therebetween to retain the same in position.

The lower or free ends of the side walls are formed into integral sleeves 9 to receive the longitudinally extending base rods 10, 11 each of which terminates at each of its ends in an eye 12 disposed beyond one end of a side wall. Each side wall 1, 2 is bent laterally at its ends to form a flap 13 inside of which the end rods 14, 15 are disposed to which the sections 16, 17 of each end wall are secured by hinges 18, said end wall sections being connected together by the hinges 19, an opening 20 in each end wall being closed, when desired, by the said removable door 6 which is then retained in position by keepers 5 and a stay bar 8.

Each end wall section is provided with an angle piece 21 to receive a cross bar 22, at each end of the house, said bars being permanently connected to the eyes 12 of the bar 10 and adapted for releasable engagement with the eyes 12 of the bar 11 in the assembled position of the house as shown in Fig. 1. In Fig. 1 the house is shown assembled and with its doors closed. To fold the house the doors 6 are removed from the end walls and placed in position against the wall 1, the cross bars 22 are raised out of engagement with the bar 11 and placed in engagement with the retaining brackets 23 carried by the wall 1, the end walls folded inwardly and the side walls permitted to fold toward each other into the position shown in Fig. 4. It will be noted that the keepers for the doors 6 serve also to brace the end walls in the assembled or operative position of the same. In the folded position of the house either or both of the free ends of the cross bars 22 may be used as handles to carry the house from place to place. When the house is in assembled position the eyes 12 of the rod 10 are disposed at right angles to the eyes 12 of the rod 11, said rods and eyes being retained in this relative position by the said connecting rods.

What is claimed is:—

1. In a folding farrowing house, side walls hinged together, said side walls terminating at their free ends in sleeves, base rods disposed in said sleeves, folding sectional end walls hinged to said side walls, doors for said end walls, cross rods releasably connecting said base rods, angle pieces releasably connecting said cross rods and the end walls, and retaining brackets carried by one of said side walls for said cross rods in one position of the same.

2. In a portable folding harrowing house, side walls, a roof rod hingedly connecting said side walls, sleeves formed at the free ends of said side walls, base rods having eye-forming terminals disposed in said sleeves, end rods connecting said base rods and roof rod, sectional folding end walls hinged to said end rods, doors for said end walls, cross rods releasably connecting said base rods, angle pieces releasably securing said cross rods to said end walls, and retaining brackets for said cross rods in one position of the same, said cross rods in their last named position forming handles.

In testimony that I claim the foregoing as my own I have hereto affixed my signature.

HANS KNUDSEN.