

Jan. 21, 1930.

L. V. WESSEL

1,744,692

HOG HOUSE

Filed Oct. 29, 1927

2 Sheets-Sheet 1

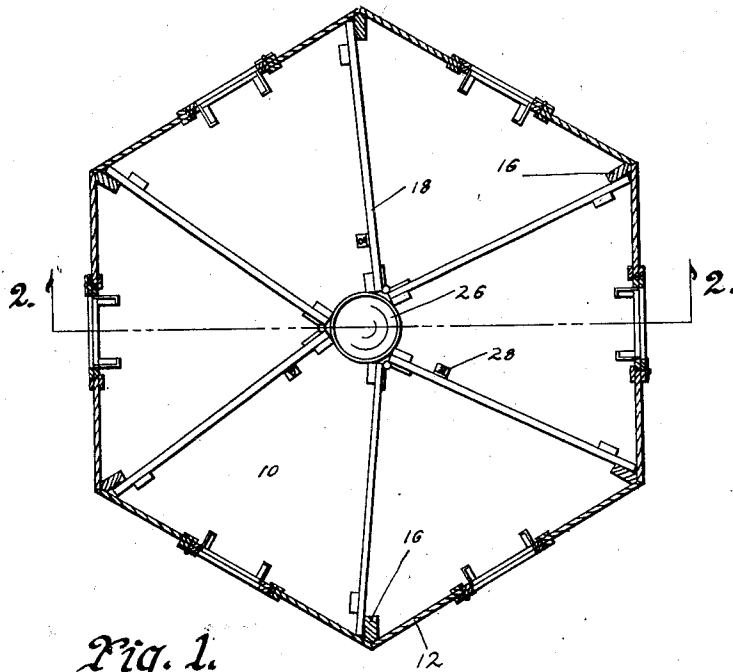


Fig. 1.

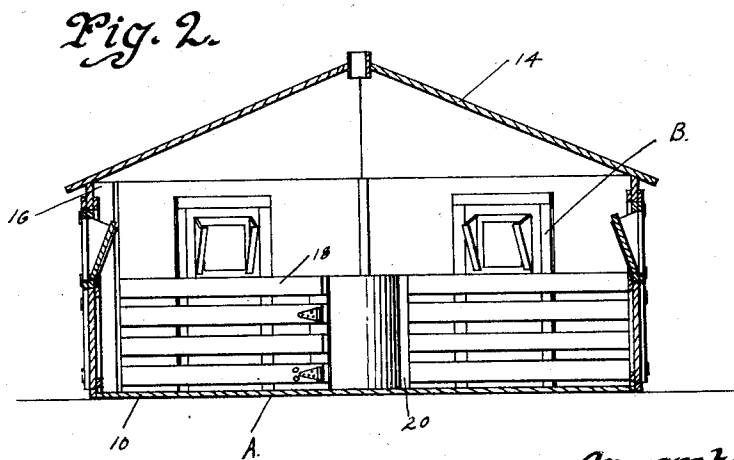


Fig. 2.

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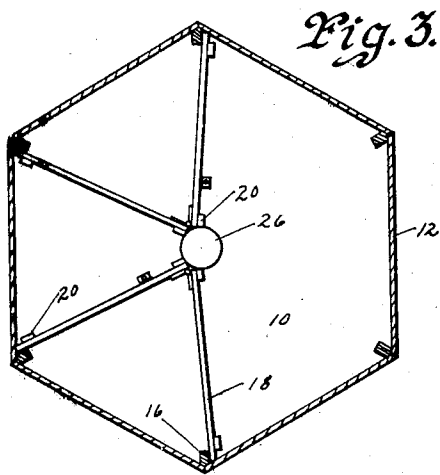
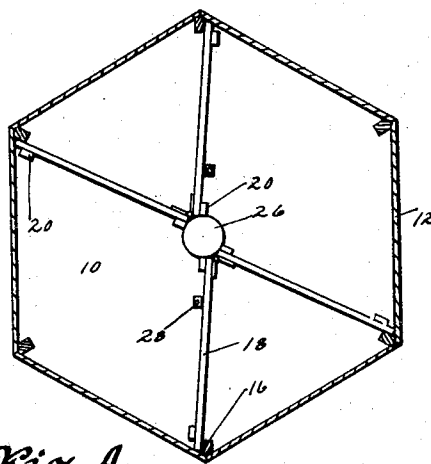
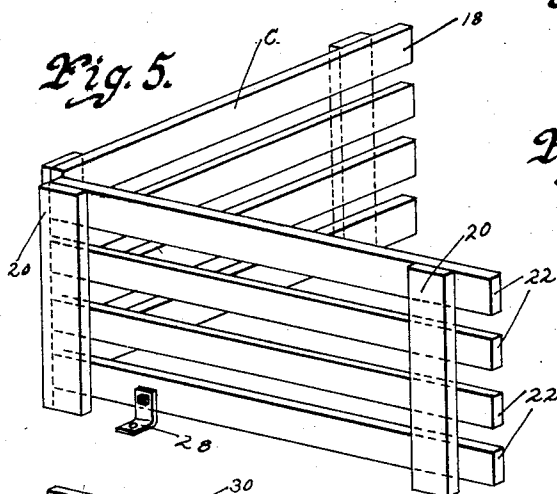
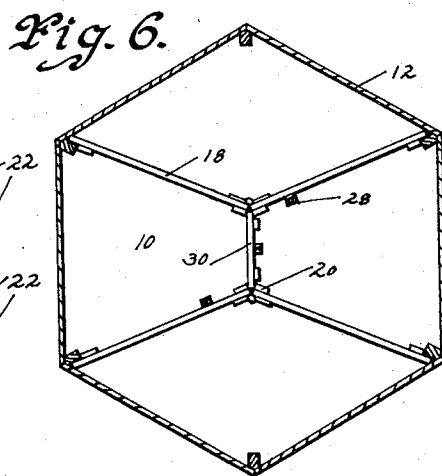
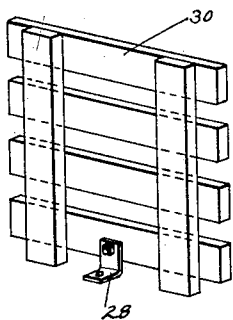
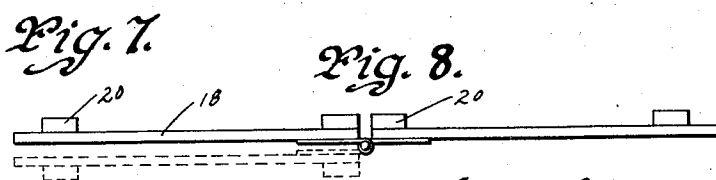
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UNITED STATES PATENT OFFICE

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HOG HOUSE

Application filed October 29, 1927. Serial No. 229,633.

The object of my invention is to provide a hog house of simple, durable and comparatively inexpensive construction.

More particularly my invention has to do with the interior of a hog house whereby a series of partition members hingedly connected together may be positioned upon the floor of the hog house in many different positions whereby pens of various sizes may be arranged and whereby the number of pens within the house may be varied.

Still a further object is to provide a six sided house wherein partition members may have one end received adjacent the junction of two of the sides of the house for thereby positioning it against movement in either direction and to provide a barrel or the like in the center of the house for serving to position the various partition members and form a plurality of individual pens within the house.

Still a further object is to provide partition members arranged in twin sections hingedly connected together, which arrangement makes for easily assembling the partitions within the house and at the same time allows the same twin sections to be used either for providing a six sow pen house or a four sow pen house.

With these and other objects in view my invention consists in the construction, arrangement and combination of the various parts of my device, whereby the objects contemplated are attained, as hereinafter more fully set forth, pointed out in my claims, and illustrated in the accompanying drawings, in which:

Figure 1 is a floor plan of my improved hog house with the partition members shown therein.

Figure 2 is a vertical sectional view taken on the line 2—2 of Figure 1.

Figure 3 is a floor plan with one of the partition sections removed for forming three individual pens and one colony pen.

Figure 4 is a plan view illustrating the same house for forming two comparatively small pens and two larger ones.

Figure 5 is a perspective view of one of the twin partition sections.

Figure 6 is a floor plan wherein two partition sections are in use and a small filler section for forming a four pen house.

Figure 7 is a perspective view of the filler section; and

Figure 8 illustrates the partition sections in extended position.

In the accompanying drawings I have used the reference character A to indicate generally a six sided hog house. The house A consists of a floor 10, six upright walls 12 and a hip roof 14. The walls 12 are of substantially the same size and adjacent their junction I provide an upright post or 2 x 4 16.

The house may be of various sizes and in each wall I provide a combined door and ventilator construction B. The door and ventilator construction B forms no part of this application except in combination, it being the subject matter of my copending application Serial Number 229,632, filed October 29, 1927.

In order to form the house into a plurality of individual sow pens for the sows and their litters, I provide partition members arranged in twin sections referred to by the reference character C and clearly disclosed in Figure 5 of the drawings.

Each section C includes a pair of similar partition members 18. The partition members 18 are fabricated from a number of 2 x 4's and a plurality of 1 x 4's or 1 x 6's as desired.

A pair of upright 2 x 4's 20 are used for each section and cross bars 22 are secured to the uprights 20. The upright 2 x 4's 20 are so arranged that one of them projects inwardly from the end of the cross bars 20 while the other one is substantially flush with the ends of the cross bars 22.

The partition members 18 forming a section C have the two inner 2 x 4's 20 resting substantially abutting each other as shown in Figure 8 of the drawings when in extended position. The two partition members 18 are connected together by a pair of strap hinges or the like 24. The hinges 24 connect the partition members 18 together and allow them to be moved hingedly relative to each other whereby the same section

C may be used to form walls of pens of various sizes.

In order to form a six pen house, it is necessary to use three sections of partition members. The partition members are then placed within the house and one end of each partition member 18 is arranged adjacent to the junction of the sides 12 of the house and rest against the upright 2 x 4's positioned at the junction of the walls 12.

By using three sections, I divide the house into six individual pens. The hinged ends of the partition members are all brought toward the center of the house and then a barrel or the like 26 is inserted in the corners formed by the inner ends of the partition members 18 which barrel serves to retain the inner ends of the partition members in proper position.

The barrel 26 may be an ordinary water barrel commonly stored in a hog house and by utilizing the partition members I am able to retain the barrel at a very convenient place at the center of the hog house.

One partition member of each section is bolted or otherwise secured to the floor by means of an angle bracket 28. It is only necessary to have one partition member of each section secured to the floor. This is necessary in order to prevent hogs from rooting the partition members upwardly and out of place.

When it is desired to form a four sow pen house, two sections C are used and the members are positioned as clearly shown in Figure 4 of the drawings. In the arrangement as shown in Figure 4 of the drawings, two of the pens are larger than the other ones. In Figure 3 of the drawings, three individual pens are provided and one large colony pen.

When it is desired to divide the six sided house into four pens of substantially the same area, it can be accomplished by using two sections C positioned as shown in Figure 6 with a small filler partition 30 arranged between the two sections C. The filler partition 30 has its ends projected in between the two adjacent 2 x 4's or uprights forming part of the partition members 18.

The filler partition 30 is formed of a number of cross bars connected together by uprights. The filler partition 30 should be anchored to the floor and for this purpose I provide one of the angle brackets 28. By arranging the partition members 18 in connected relationship, I provide partition members that can be conveniently used for forming pens of various sizes and which practically require only one fastening means to retain them in positive position within the hog pen.

It will be noted that in case of six individual pens being formed within the house that it is only necessary to have three fastening or angle brackets 28 in use. The inner parti-

tions may be removed from the house at any time and it can then be used for other purposes.

Some changes may be made in the construction and arrangement of the parts of my device without departing from the real spirit and purpose of my invention and it is my intention to cover by my claims, any modified forms of structure or use of mechanical equivalents, which may be reasonably included within their scope.

I claim as my invention:

1. In a house having an even number of sides, a plurality of partition sections for forming a plurality of individual hog pens, each partition section comprising a pair of partition members hingedly connected together whereby in conjunction with one side of the house an individual pen is formed, said partition members converging to a common center, the diverging ends of said partition members fitting into the corners formed by the ends of the sides of said housing, and means positioned for engaging the hinged ends of said partition members to maintain said ends in said corners.

2. A hog house comprising a plurality of partition members arranged in pairs, each pair being hingedly connected together and adapted to have their hinged ends arranged in close proximity whereby a substantially circular opening is formed and a barrel mounted in said opening and retained therein by said partition members.

3. In a hog house having an even number of sides and an even number of individual pens, partition members for forming the pens, said partition members being arranged in pairs hingedly connected together, the hinged ends of said partition members being positioned in the center of said house and the free ends being spread apart and fitting in the corners formed by the junction of any two adjacent sides of the house and means engaging the hinged ends of said partition members to maintain said free ends in position in said corners.

4. In a hog house having an even number of sides and an even number of individual pens, partition members for forming the pens, said partition members being arranged in pairs hingedly connected together, the hinged ends of said partition members forming receiving sockets and a filler member retained by said first partition members and having its ends received in said sockets.

Des Moines, Iowa, October 17, 1927.

LAWRENCE V. WESSEL.