July 10, 1928. 1,676,570

C. M. MUGLER

METAL FLOORING

Filed April 20, 1926

Fig. 1.

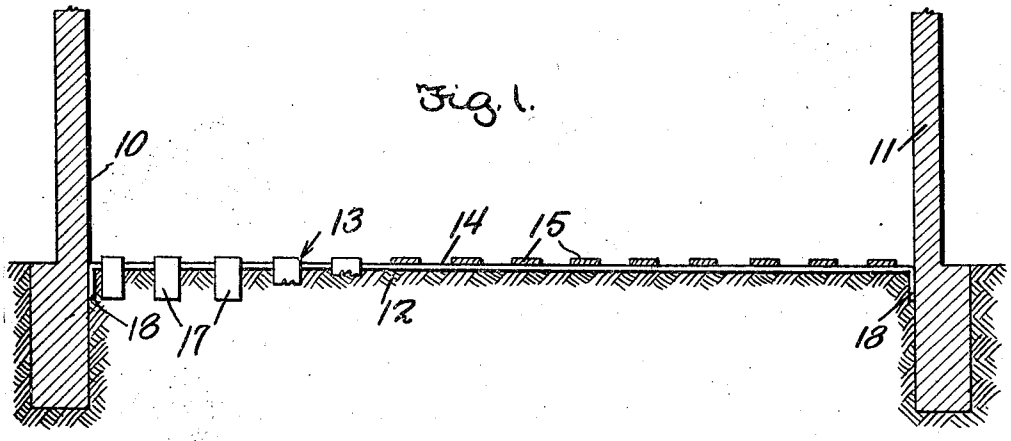
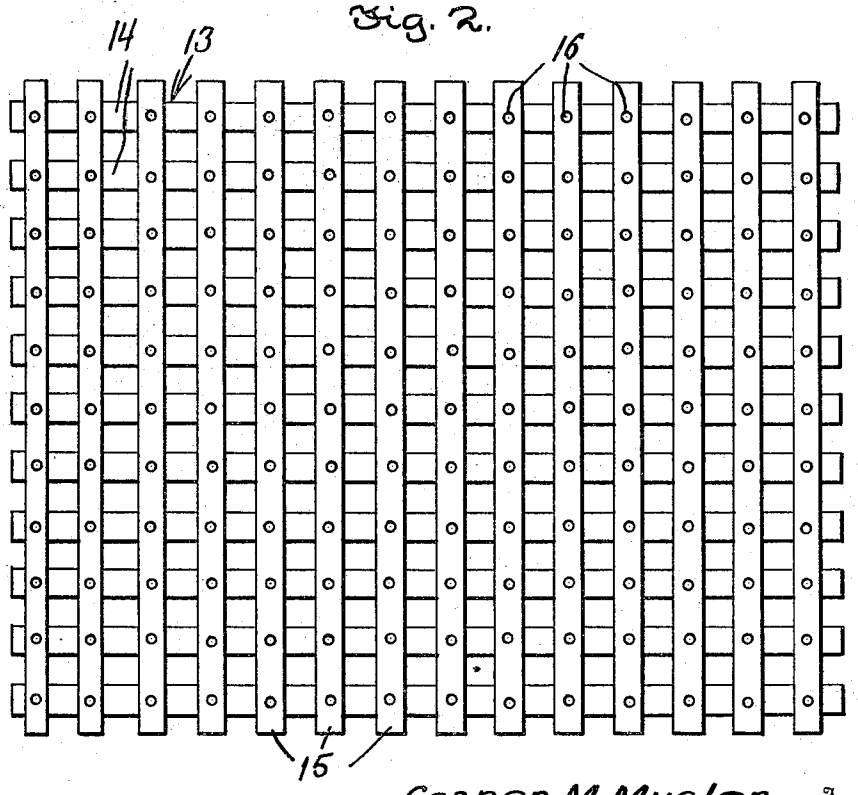


Fig. 2.



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UNITED STATES PATENT OFFICE.

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METAL FLOORING.

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This invention appertains generally to new and useful improvements in flooring and has more particular reference to a novel and simplified flooring for hog sheds and the like.

The primary object of the present invention is to provide a novel flooring of the class described which will effectively and efficiently protect the dirt floor in hog sheds and the like.

Another object of the present invention is the provision of such a flooring which will positively prevent the hogs from rooting holes in the dirt floor of the hog shed, thereby overcoming a most serious problem for hog raisers, as the rooting of such holes now results in the loss of many pigs.

A further object of the present invention is to provide such a flooring which is simple, yet strong, sturdy and durable in its construction; one which is cheap to manufacture and which may be placed on the market at a reasonable figure, and one which may be readily installed in hog sheds now in use.

Numerous other objects and advantages of the present invention will become more readily apparent during the course of the following description when taken in connection with the accompanying drawings.

In the drawings forming a part of this application and wherein like characters of reference denote corresponding parts throughout the several views:

Figure 1 is a sectional view through a portion of a hog shed showing positioned therein a flooring constructed in accordance with the present invention, said flooring being partially broken away.

Figure 2 is a top plan view of the improved flooring per se.

Reference now being had more particularly to the accompanying drawings wherein for the purpose of illustration has been disclosed a preferred embodiment of the present invention, the numerals 10 and 11 generally represent portions of the end walls of a hog shed and 12 the dirt floor thereof.

The present improved flooring is generally represented by the numeral 13 and embodies in its construction the longitudinally extending spaced parallel bars 14 and the transverse cross bars 15. These bars 14 and 15 are preferably formed of metal of the desired gauge and may be spaced apart any desired distance. The intersections of the longitudinally extending bars 14 and the transverse connecting bars 15 are secured together in any desired manner such as by means of suitable bolts or rivets 16.

The opposite ends of the transverse bars 15 are bent downwardly at right angles to the intermediate portions thereof to provide the depending legs 17 while the opposite ends of the longitudinally extending bars are similarly bent to provide the depending legs 18. When positioning the flooring 13 within a hog shed, the depending legs 17 and 18 are adapted to be pushed into the dirt floor thereof so that the bars 14 and 15 will contact with and rest upon the said dirt floor, it being of course understood that the flooring or mat is adapted to be of such a size as to cover the entire dirt floor of the hog shed.

From the foregoing, it will thus be appreciated that there has been provided a novel and simplified metal flooring for hog sheds and the like which will not only protect the dirt floor thereof but which will also prevent the rooting of holes in the dirt floor by the hogs. While the present improved metal flooring has been described as being particularly adapted for use in connection with hog sheds, yet it is to be understood that it may be used with equal satisfaction in divers other places.

While there has been disclosed a preferred embodiment of the present invention, it is to be understood that various changes in the details of construction thereof may be resorted to without departing from or sacrificing the spirit of the invention so long as such changes fall within the scope of the appended claim.

What is claimed is:

In a flooring for hog sheds and the like embodying a plurality of longitudinally extending spaced parallel metal bars, and a plurality of spaced transverse metal cross bars secured to said longitudinally extending bars, the opposite ends of the said longitudinally extending bars and transverse cross bars being directed at right angles to the intermediate portions thereof to provide depending legs, said legs adapted to be embedded in the dirt floor of the hog shed while the intermediate portions of the said bars are adapted to rest on top of the said dirt floor.

In testimony whereof I affix my signature.

CASPER M. MUGLER.