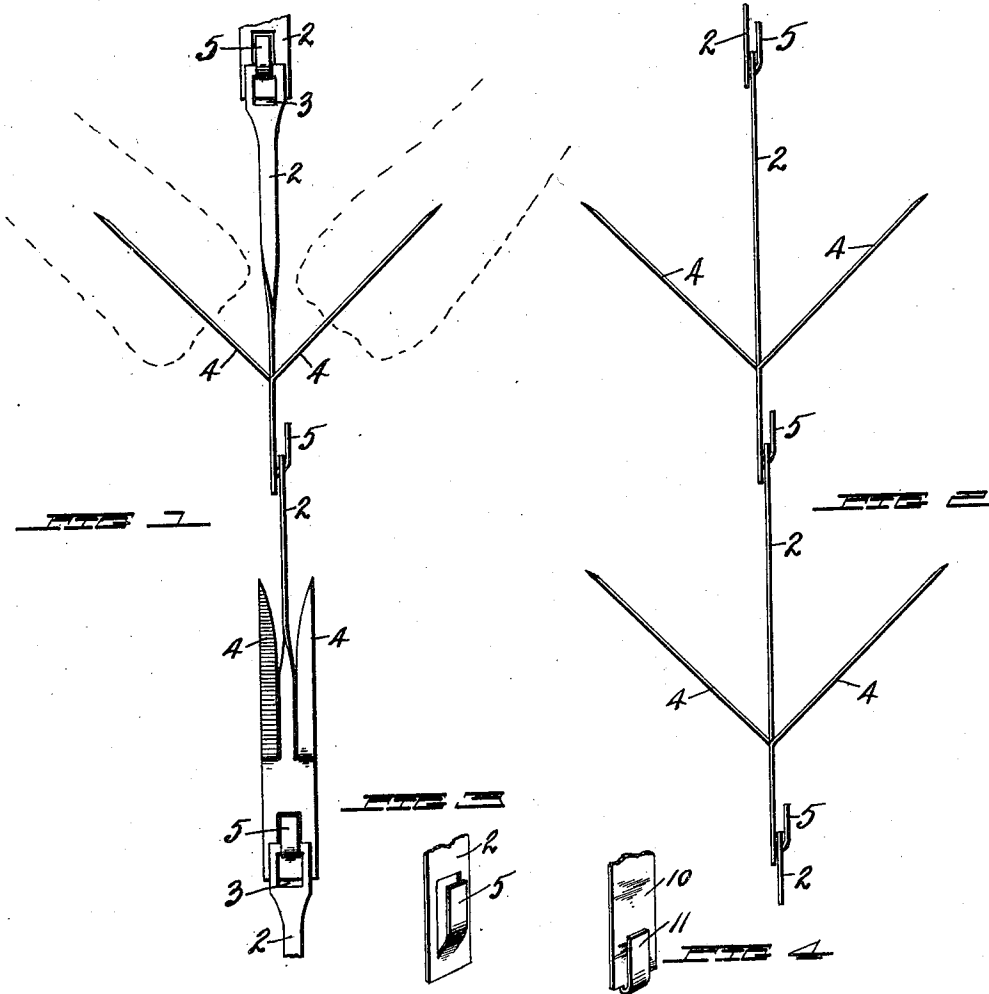


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HANGER FOR EAR CORN.
APPLICATION FILED OCT. 1, 1910.

981,269.

Patented Jan. 10, 1911.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE M. HURFF, OF PEORIA, ILLINOIS.

HANGER FOR EAR-CORN.

981,269.

Specification of Letters Patent.

Patented Jan. 10, 1911.

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To all whom it may concern:

Be it known that I, GEORGE M. HURFF, a citizen of the United States, residing at Peoria, in the county of Peoria and State of Illinois, have invented certain new and useful Improvements in Hangers for Ear-Corn, of which the following is a specification.

My invention relates to seed corn hangers.

The object of my invention is to produce a hanger from a single piece of metal.

Another object is to produce a hanger adapted for assemblage in series and connected together in a manner to prevent relative torsion movement of hangers whereby the ears of corn are held in parallel rows in defined positions and out of contact with each other, which is essential to their preservation.

My invention consists in forming a hanger from a single piece of metal by striking out or bending from the body thereof, the necessary hooks, eyes or the like in form and position, essential to the proper joining thereof in series adapted to be suspended from a proper support in a drying room. Also my invention includes the formation of meeting parts of adjacent hangers to produce an interlocking to prevent torsion movement of the complete hanger and the individual units.

Referring to the drawings: Figure 1 is a side elevation, showing connected hangers and parts thereof. Fig. 2 is also a side elevation, showing connected hangers and parts thereof assembled in a different relation than disclosed in Fig. 1. Fig. 3 is a detailed perspective view of a hanger hook. Fig. 4 is also a detailed perspective view of a hanger hook in a different form than that disclosed in Fig. 3.

In the practical art relating to the subject herein, it is the universal practice to assemble normally disconnected parts to produce the unit structure. The disadvantages of this practice lie in the fact that the joining is seldom of a permanent fixed character, and furthermore the machinery necessary for their successful commercial production is entirely too complicated and uncertain in operation to make them successful. Also in the known art, the hangers are bulky and awkward to handle and those in which the plan of use contemplates the joining in series, the manner of joining is such that they turn or twist relatively so that the ears of

corn on adjacent hangers come in contact and also come in contact with corn on separately hung series, unless they are hung far apart, thus wasting space.

By means of my invention the necessity of separately joined parts is entirely eliminated and integral unitary structure is provided, admirably fitted for the purpose designed; also the necessity for expensive machinery for producing the hangers in quantities is dispensed with, as stamping and bending machines of the simplest character may be employed at a minimum expense.

In the drawings, 2 is a bar hanger stem; 3 is an eye, formed in the body of the bar and its upper end; 4 are impaling prongs, cut from the body of the bar, and bent outwardly at any angle desired; 5 is a hook cut out of and struck up from the body of the bar. The bar 2 is twisted one-fourth of a turn to accommodate a disposition of the respective upper and lower faces of the bar at right angles to each other to cause the hook and eye portions respectively 3 and 5 at right angles, so that in the uniting of the separate hangers, the impaling prongs will lie in different vertical planes.

In Fig. 2, I have shown my preferred form of arranging the hangers, in which it will be seen that the prongs of the hangers all lie in the same vertical plane, permitting the separately hung series of hangers to be placed very close together, thereby economizing space. In Fig. 2 the same reference numerals are used to indicate corresponding parts in the two figures. In forming the hanger the hook 5 and the face of bar 2 are properly proportioned in size that when the eye 3 engages the hook in uniting the hangers turning at the joint will be prevented, which is one of the essential points in my invention.

I have shown in Fig. 4, a hook formed from a plate as 10, it being merely a portion of the lower end of a bar hanger reduced in width and bent upwardly into a hook. This form of hook may be used in place of hook 5, if desired, as it will be observed that when a hanger is suspended therefrom, it will be held from turning in the same manner as in the use of hook 5, to preserve alinement.

In making my device, the impaling prongs are cut partially away from the body of the metal bar and bent outwardly as shown, or in any form desired and may be twisted at

joint or points of their length to give proper bearing or position to prong points, also the eye 6 may be stamped out and the hook 5 cut and struck up into proper hook form, or if the modified form be used, as shown in Fig. 4, the lower end of the bar may be cut to form the narrowed tongue 11, and the tongue bent up into the form of the hook.

My invention may be modified in many different forms or cut in different manner from the bar and may be variously modified from that herein shown, but I desire to claim every form made use of that falls within the principle herein disclosed.

What I claim is:

1. A seed corn hanger formed from a single piece of metal, comprising a flat bar provided with an eye in the body of the upper end portion thereof, a hook formed from the body of the bar at its lower portion and impaling prongs formed from strips cut partially away from the sides of the bar, substantially as described and shown.

2. In a seed corn hanger in combination, a flat bar, an eye in the upper end thereof, a hook formed from the body of the bar and impaling prongs integrally united to the body of the bar and disposed at an angle

therefrom, substantially as described and shown.

3. In a seed corn hanger in combination, a hanger bar or stem, provided with suspending means at its upper end, a hook or the like at its lower end, and impaling prongs integrally united to the body of the bar and bent outwardly at an angle therefrom.

4. In a seed corn hanger, in combination, with a flat metal bar formed with an imperforate eye at its upper end, of impaling prongs cut in substantially vertical strips, one from each side of the bar, and turned to an impaling point at their upper ends and bent outwardly at an angle therefrom, and a hook cut out and struck up from the body of the bar at its lower portion, whereby a hanger is formed from a single piece of metal, adapted for joining in series and when joined are held from relative torsion movement.

In testimony whereof I affix my signature in presence of two witnesses.

GEO. M. HURFF.

Witnesses:

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F. E. GRABLE.