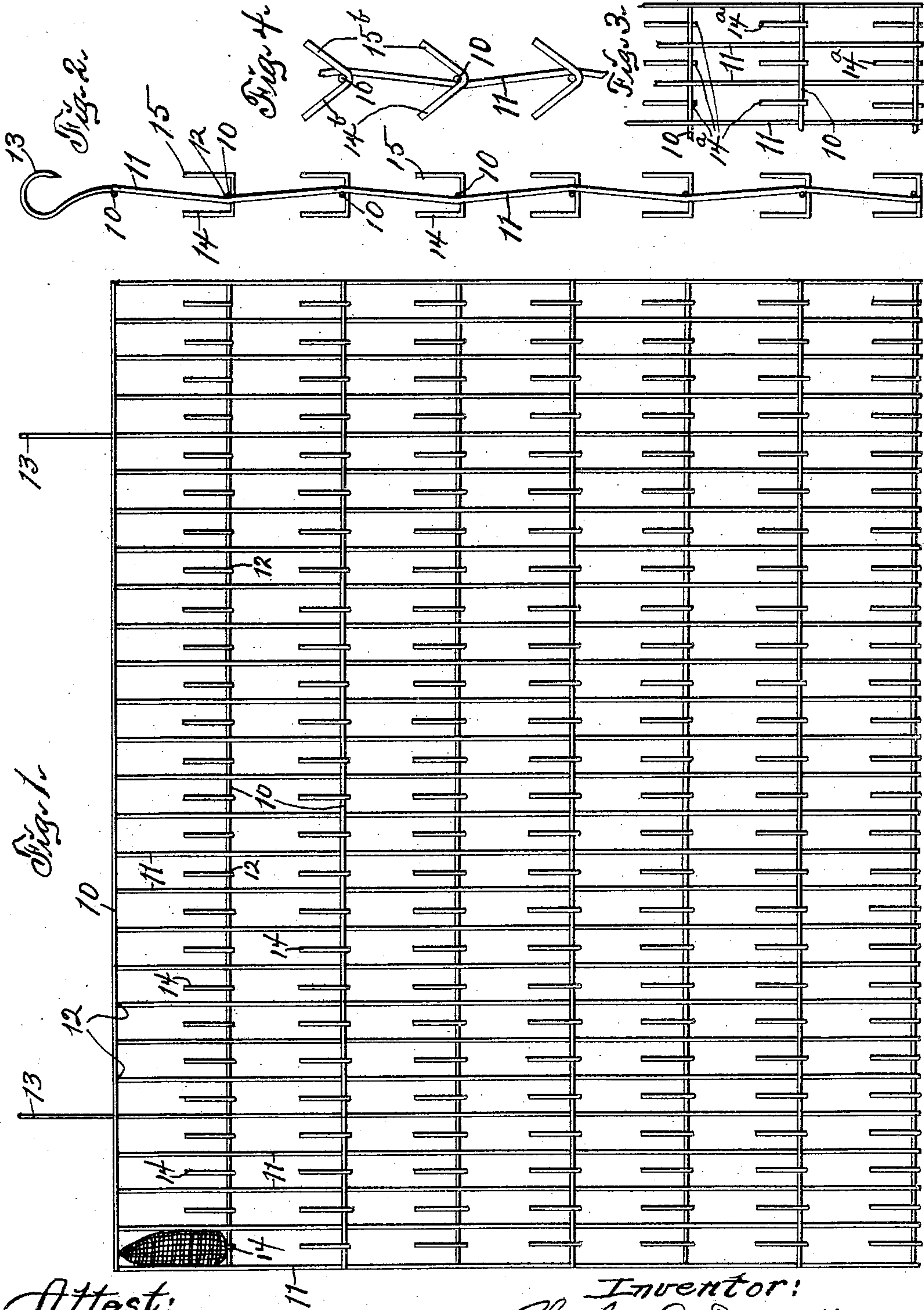


C. A. DEWEY.
SEED CORN RACK.

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929,922.

Patented Aug. 3, 1909.



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UNITED STATES PATENT OFFICE.

CHARLES A. DEWEY, OF ROCKWELL CITY, IOWA, ASSIGNOR OF ONE-HALF TO J. F. HUTCHISON, OF ROCKWELL CITY, IOWA.

SEED-CORN RACK.

No. 929,922.

Specification of Letters Patent.

Patented Aug. 3, 1909.

Application filed February 12, 1908. Serial No. 415,975.

To all whom it may concern:

Be it known that I, CHARLES A. DEWEY, a citizen of the United States of America, and resident of Rockwell City, Calhoun county, Iowa, have invented a new and useful Seed-Corn Rack, of which the following is a specification.

The object of this invention is to provide improved means for receiving, containing and supporting seed-corn on the ear.

My invention consists in the construction, arrangement and combination of elements hereinafter set forth, pointed out in my claims and illustrated by the accompanying drawing, in which—

Figure 1 is a front elevation of the device. Fig. 2 is an end elevation of the device. Fig. 3 is a face view of a modified form of my device. Fig. 4 is a section of further modified form.

In the construction of the device as shown, a supporting frame is provided, which frame is made and constructed of horizontal bars 10 and vertical bars 11 crossing each other at right angles and spaced apart desired distances. The bars 10, 11 may be of any desired material and be connected in any desired manner; but for convenience I show them made of wire interwoven and secured at the points of crossing by solder 12. The frame may be supported in any desired manner; but I prefer to supply hooks 13 on the top bar adapted to engage a support (not shown) such as a wire, rod, beam, spikes or pins. Alternate vertical bars 11, intermediate of the marginal bars, are clipped midway between the horizontal bars and the pieces thus formed, rigidly connected to the horizontal bars, are bent out of the vertical plane of the frame in such manner that they extend outward and upward from opposite sides of the horizontal bars at angles to the frame, thus forming spikes or pins 14, 15. Ears 16 of seed-corn are mounted on the spikes or pins 14, 15 by causing said spikes to penetrate the pith of the ear from one end. The several ears when mounted as described on the pins or spikes 14, 15 are exposed to thorough ventilation and may be so located and changed about as to be treated by the direct rays of the sun as desired. By this means also the seed-corn is preserved and protected from rodents and earth moisture and maintained under desirable conditions in respect of curing.

In Fig. 3 I show how portions of alternate vertical bars may be cut away and the remainder stand upright to form spikes or pins 14^a to receive ears of corn.

In Fig. 4 I show spikes or pins 14^b, 15^b bent at acute angles from opposite sides of the horizontal bars to receive ears of corn.

It is desirable to remove all or a considerable portion of the pith from the ear of seed-corn before said ear is mounted on the spike or pin 14, 15 and when such pith is removed the inner surface of the cob is exposed to atmospheric air to the end of accelerating the curing of the corn. The pith may be removed in any desired manner as by inserting an auger bit and withdrawing it with the pith attached.

A plurality of the frames constructed as described may be employed or a single frame may be used repeatedly in respect of one planting season with successive supplies of seed-corn.

I claim as my invention—

1. A rack or frame formed of inter-woven wires crossing each other at right angles, said wires soldered together at the points of crossing, some of said wires projecting beyond the margins of the frame and formed into hooks, and spikes fixed to some of the horizontal wires and arranged parallel with and between vertical wires.

2. A rack or frame composed of horizontal and vertical bars crossing each other at angles and spaced apart, said bars rigidly connected at the points of crossing, some of the vertical bars intermediate of the marginal members cut midway between the horizontal bars and bent at angles therefrom.

3. A rack or frame composed of horizontal and vertical bars crossing each other and rigidly connected at the points of crossing, means for supporting said frame, some of the vertical bars intermediate of the marginal members being severed midway between the horizontal bars and bent at acute angles on opposite sides of the vertical plane of the frame.

Signed by me at Rockwell City, Iowa, this 16th day of March, 1907.

CHARLES A. DEWEY.

Witnesses:

W. E. GRAY,
J. T. LUCAS.