

No. 646,321.

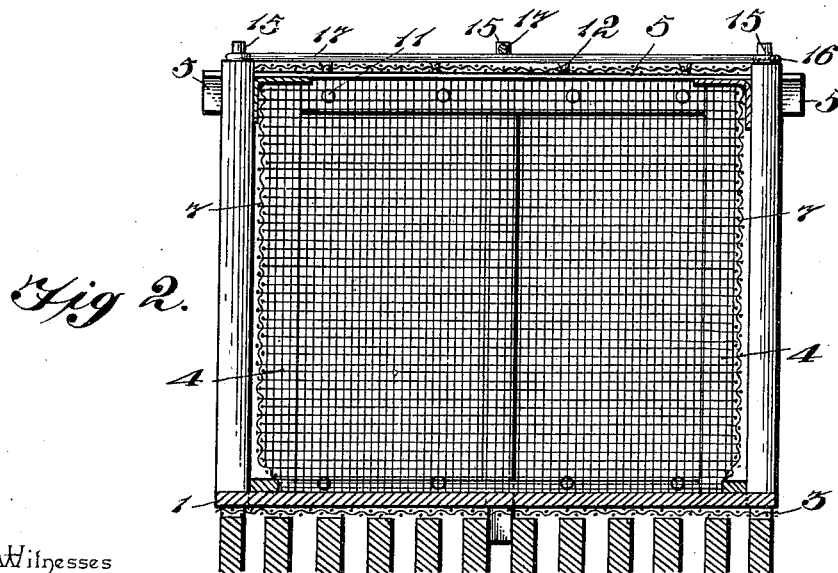
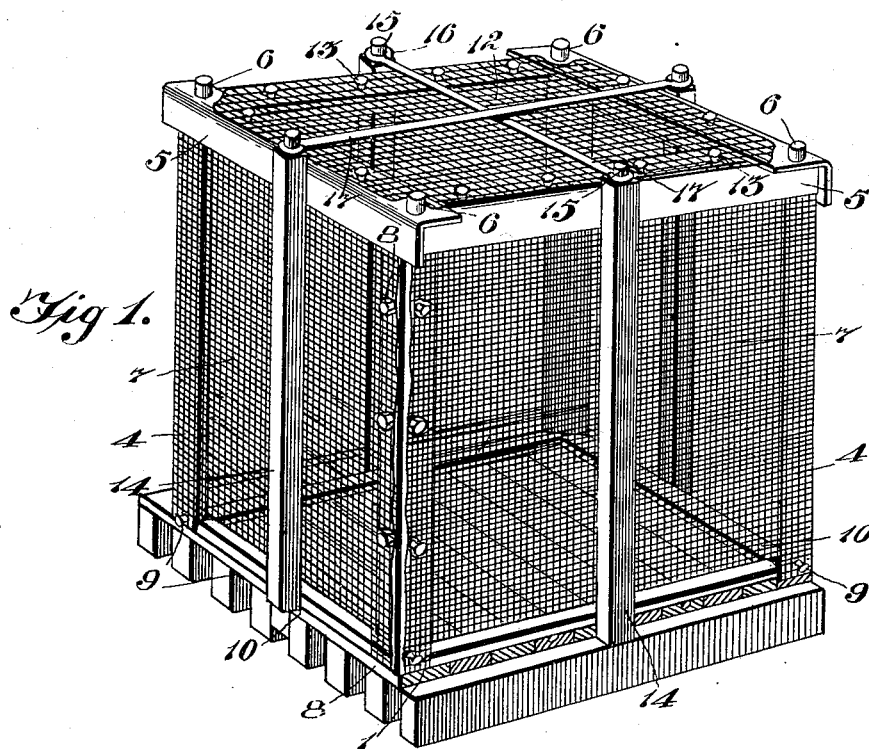
Patented Mar. 27, 1900.

C. I. SIMPSON.

CORN CRIB.

(Application filed Oct. 25, 1899.)

(No Model.)



Witnesses

John Maupin
J. F. Riley

By *his* Attorneys. *C. I. Simpson*

Inventor

C. I. Snow & Co.

UNITED STATES PATENT OFFICE.

CHARLES I. SIMPSON, OF NAMPA, IDAHO.

CORN-CRIB.

SPECIFICATION forming part of Letters Patent No. 646,321, dated March 27, 1900.

Application filed October 25, 1899. Serial No. 734,762. (No model.)

To all whom it may concern:

Be it known that I, CHARLES I. SIMPSON, a citizen of the United States, residing at Nampa, in the county of Canyon and State of Idaho, have invented a new and useful Corn-Crib, of which the following is a specification.

The invention relates to improvements in corn-cribs.

The object of the present invention is to improve the construction of corn-cribs and to provide a simple and comparatively-inexpensive one which will be portable and which will be capable of effectually excluding rats and similar animals from its contents.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a corn-crib constructed in accordance with this invention. Fig. 2 is a vertical sectional view of the same.

Like numerals of reference designate corresponding parts in both figures of the drawings.

1 designates a floor mounted on a suitable foundation, preferably consisting of joists, as illustrated in Fig. 2 of the drawings, and a screen 3 of wire-gauze or other suitable screen material is arranged on the lower face of the floor to exclude rats and similar animals from their way into the corn-crib. Mounted upon the foundation are corner-posts 4, connected at their upper ends by flanged or angle bars 5, which have their adjacent ends overlapped and provided with registering perforations to receive reduced upper ends or tenons 6 of the corner-posts. These corner-posts support the side screens 7, which are preferably constructed of a continuous piece of screen material stretched around the frame formed by the corner-posts and having its ends detachably secured to one of said posts by means of buttons 8. The buttons 8, which are arranged at suitable intervals on the exterior of the supporting corner-posts, engage suitable openings of the screen, preferably by enlarging the meshes thereof. The lower edges of the side screens are secured by but-

tons 9 to strips 10, which are fastened to the upper face of the floor and arranged within the corn-crib, as clearly illustrated in Fig. 1 of the accompanying drawings. The buttons 9 are arranged at the inner edges of the strips 10, so that the lower edges of the side screens will be drawn inward over the strips 10 in order to prevent them from being forced outward by the interior pressure. The upper edges of the side screens engage buttons 11, projecting from the inner faces of the depending flanges of the horizontal top bars 5. The corn-crib has its top closed by a top screen 12, preferably arranged on the horizontal flanges of the top bars 5, which are provided with buttons 13, adapted to engage suitable eyelets or openings of the said top screen.

The corn-crib is supported by intermediate posts 14, arranged on the exterior of the side screens and mounted on the foundation or platform formed by the same, and the upper ends of the intermediate posts are reduced and extended to form tenons 15 for engaging loops 16 of connecting-rods 17, extending across the top of the corn-crib. The intermediate posts, which are designed to be detachably secured to the foundation or platform by any suitable fastening devices, may be readily removed. The top connecting-rods are also detachable, and after their removal the top screen may be taken off. The side screens can then be unbuttoned, and the corner-posts and top connecting-bars can then be taken down. This construction renders the corn-crib portable, and it may be taken down and moved to any desired point and there set up.

It will be apparent that the corn-crib, which is simple and inexpensive in construction, is rat-proof, portable, self-ventilating, and durable and that when constructed of metal it will be practically fireproof. It will also be seen that the number of posts may be varied to suit the size of the structure and that a suitable door may be provided at any convenient point between the posts.

What is claimed is—

1. A corn-crib comprising a floor, bottom bars provided at their inner edges with fastening devices, inner and outer posts, the inner posts being arranged at the ends of the

bottom bars, the side screens supported
against inward and outward movement by the
posts and having their lower edges detach-
ably interlocked with the fastening devices
5 at the inner edges of the bottom bars, and a
top screen, substantially as described.

2. A corn-crib comprising a floor, corner-
posts, angle-bars having overlapped ends de-
tachably interlocked with the upper ends of
10 the corner-posts, the side screens arranged on
the corner-posts and having their upper ends
detachably secured to the depending flanges
of the angle-bars, a top screen arranged on
and detachably secured to the upper faces of

the horizontal flanges of the angle-bars, the 15
outer posts extending above the screens, and
the crossed rods extending over the top screen
and detachably secured to the upper ends of
the intermediate posts, substantially as de-
scribed. 20

In testimony that I claim the foregoing as
my own I have hereto affixed my signature in
the presence of two witnesses.

CHARLES I. SIMPSON.

Witnesses:

H. P. MADDEN,
JESSE J. WALLING.