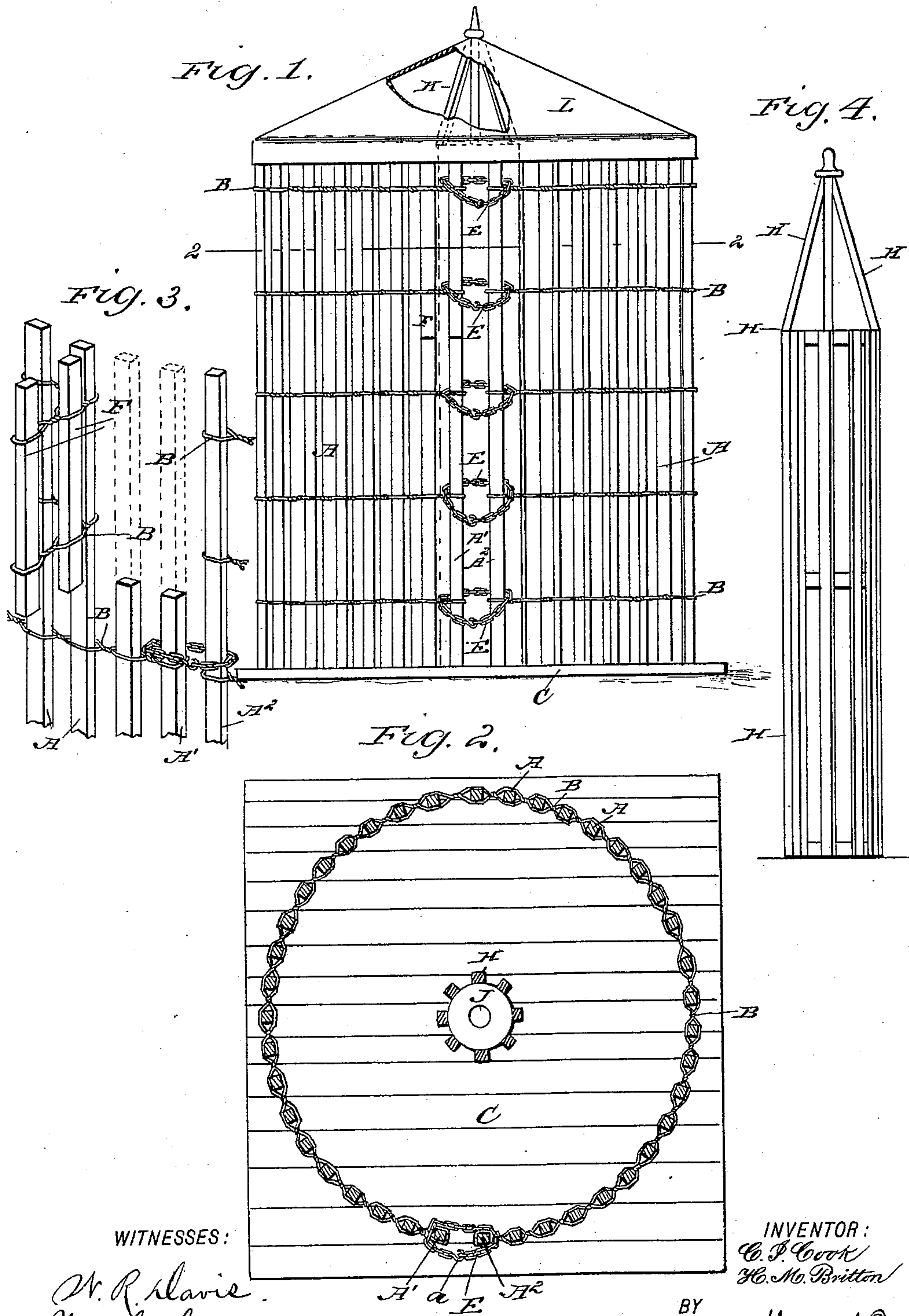


(No Model.)

C. I. COOK & H. M. BRITTON.
PORTABLE CORN CRIB.

No. 426,714.

Patented Apr. 29, 1890.



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CHARLES IRA COOK AND HENRY M. BRITTON, OF ODEBOLT, IOWA.

PORTABLE CORN-CRIB.

SPECIFICATION forming part of Letters Patent No. 426,714, dated April 29, 1890.

Application filed February 3, 1890. Serial No. 338,983. (No model.)

To all whom it may concern:

Be it known that we, CHARLES IRA COOK and HENRY M. BRITTON, both of Odebolt, in the county of Sac and State of Iowa, have invented a new and Improved Portable Corn-Crib, of which the following is a full, clear, and exact description.

Our invention relates to improvements in portable corn-cribs.

In the newer parts of the country, where corn is plenty and cheap and lumber is scarce and high, many farmers pile their corn upon the ground, as they cannot afford to buy lumber with which to build a crib. As a result, they lose a great deal of corn.

The object of our invention is to obviate this difficulty by providing a cheap but strong and durable corn-crib that may be quickly and easily erected in a desired spot and as easily taken down and removed.

To this end our invention consists in a corn-crib formed of slats united by wire bands, said crib having a removable top or cover and a suitable door through which corn may be shoveled. This construction will be hereinafter fully described, and specifically pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all of the figures.

Figure 1 is a side elevation of the device with a portion of the cover or top broken away. Fig. 2 is a horizontal section of the same on the line 2 2 of Fig. 1. Fig. 3 is a detailed view showing the door in the upper part of the crib, and Fig. 4 is a side elevation of the central ventilator and cover-support.

The walls of the crib, which is preferably cylindrical in shape, but may be made in any desired form, are composed of vertical slats A, of wood, metal, or any suitable material, said slats being united by wire bands B, which clasp each slat and extend from a slat A' entirely around the crib to the opposite slat A². The connected slats will thus form a web or belt with the slat A' at one end and the slat A² at the other, and the crib when erected will thus form a cylinder with a vertical opening in one side thereof. The bands B are placed upon the slats A at frequent intervals, so as to give the necessary strength to the crib.

The crib is erected upon a suitable floor C, and the edges thereof are connected by chains E, which pass around the slats A' and A², and which are provided with hooks a, which will engage any link of the chain, so that when the crib is to be emptied the chains may be lengthened, thus letting the corn down in the crib.

Near the upper portion of the crib and upon one end of the connected slats several of the slats may be sawed off, thus forming a door F, which may be swung back, as shown in the drawings, and the crib filled up to the door by shoveling the corn through the same. The door may then be closed and the crib filled by shoveling the corn over the top.

When a large crib is used, it may be provided with a ventilator H, which will admit air to the center of the crib and prevent the corn from heating. The ventilator is formed of vertical slats H, a little longer than the slats A, so as to project above the corn in the crib, said slats being attached to hollow collars J, thus forming a hollow standard through which air may be admitted to the corn, and which may also serve as a cover-support, as described below.

The top of the ventilator H is provided with a conical extension formed of the converging strips K, to which a cover L, of canvas or other suitable material, may be attached. The cover L extends outwardly to the slats A, which it overlaps, and its outer edge may be attached to the slats in any suitable manner.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

The improved portable corn-crib whose body is composed of the vertical slats and twisted wire bands uniting them, said body having the side door F, the detachable chain E, for connecting the edges of the body, the conical top formed of strips K, and the removable cover L applied thereto, all as shown and described.

CHAS. IRA COOK.
HENRY M. BRITTON.

Witnesses:

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