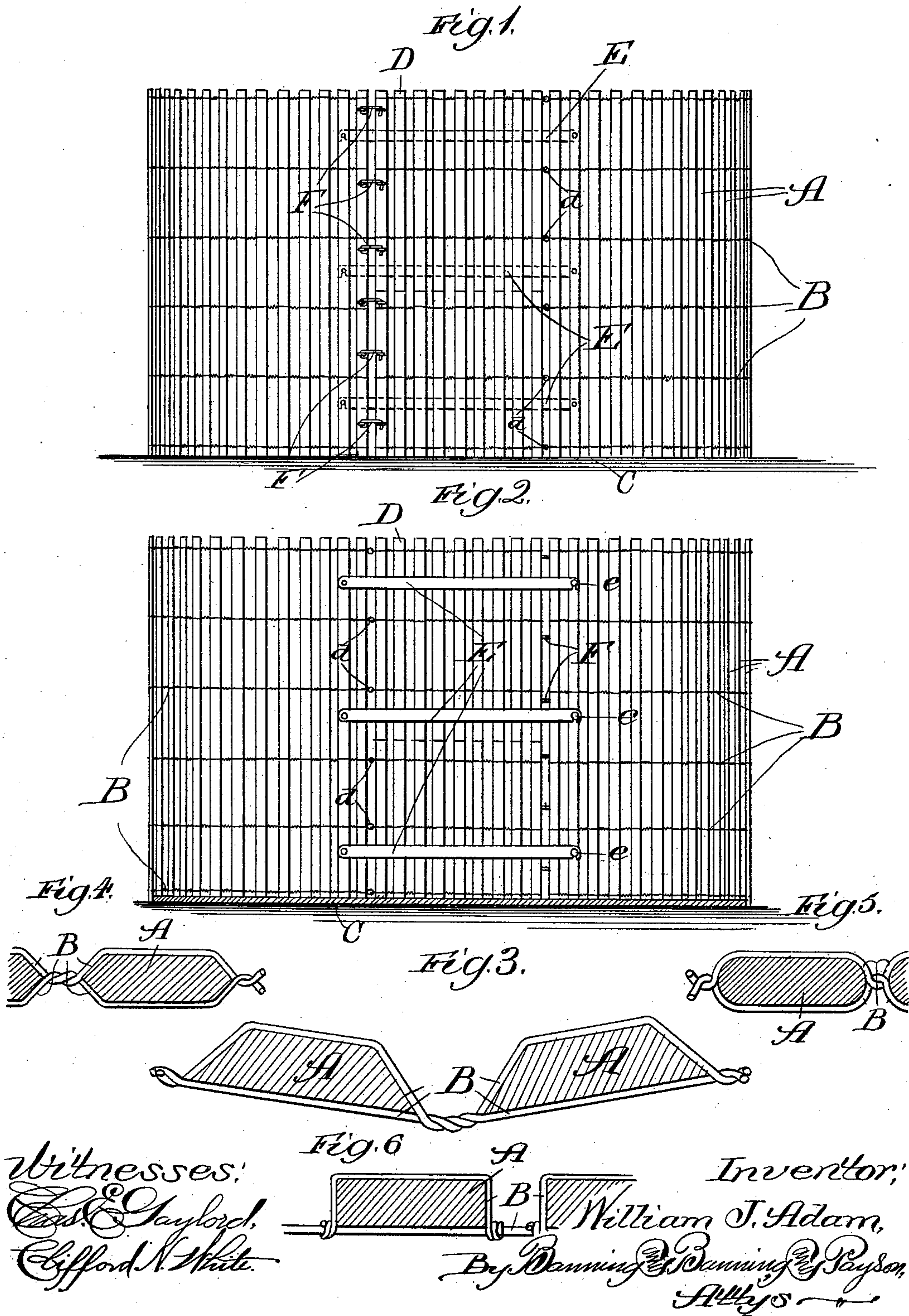


(No Model.)

W. J. ADAM.
PORTABLE CRIB.

No. 500,459.

Patented June 27, 1893.



UNITED STATES PATENT OFFICE.

WILLIAM J. ADAM, OF JOLIET, ILLINOIS.

PORTABLE CRIB.

SPECIFICATION forming part of Letters Patent No. 500,459, dated June 27, 1893.

Application filed April 23, 1892. Serial No. 430,321. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM J. ADAM, a citizen of the United States, residing at Joliet, Will county, Illinois, have invented certain
5 new and useful Improvements in Portable Cribs, of which the following is a specification.

In the drawings, Figure 1 represents a front elevation of my improved corn crib; Fig. 2 a
10 cross vertical section showing the staves on the inside in elevation; Fig. 3 a plan view of a transverse section of two of the slats of which the corn crib is formed; and Figs. 4, 5
and 6 modifications hereinafter described.

In making my improved corn crib, I take
15 slats or staves A, preferably about one inch thick, and beveled on one side, as shown in Fig. 3. These staves are of the desired strength and width, and of a length to make the crib of the desired height. They are ar-
20 ranged with the narrow or beveled edge preferably on the inside, as shown in Fig. 3. A sufficient number of these staves to make the crib of the desired size are woven together by wire bands B, composed preferably of two
25 strands, one on the inside and the other on the outside, and twisted together or crossed between the staves. By making the staves beveled at their edges, as shown, the wire
30 of each stave is enabled to fit or hug the stave closely on every side, and to hold them from turning around or displacement. The crib is provided with a bottom, C, and with one or
35 more doors, D, which may be opened to permit the corn to be taken out. The doors are hinged at *d*, and in order to prevent the crib from separating when the doors are opened by the pressure of the corn from the inside, I
40 provide a desired number of stay rods or straps, E, which are pivoted at one side of the

door and provided with hooks at the opposite end to engage with studs or buttons, *e*, at the other side of the door. This enables the doors to be opened without danger of the crib falling or bursting asunder. To hold the doors
45 shut, hooks or hasps F may be employed, though other means for holding the doors closed may be used if preferred.

In Figs. 4, 5 and 6 I have shown modifications in the form of the staves and method of
50 fastening them together. In Fig. 4 the stave is beveled at each corner, so as to present a sharp edge along its central line, which the wires closely hug as the staves are woven together. In Fig. 5 the edges of the staves are
55 rounded and are closely fitted by the wires. In Fig. 6 rectangular staves are used, with separate wires for each stave, held by main wires passing around the crib, around which the separate wires have their ends coiled.
60 The arrangement of the wires and staves in the modifications shown in these figures is so obvious that I do not deem it necessary to enter into any further or detailed description of them.
65

What I regard as new, and desire to secure by Letters Patent, is—

In a portable corn crib, the combination of staves or slats woven together with strands of wire, an outwardly opening door to permit
70 ingress to the crib, and straps or stay rods inside the door, extending across the door opening, and secured to the staves at opposite sides thereof, whereby the crib is held together when the door is opened, substantially
75 as described.

WILLIAM J. ADAM.

Witnesses:

EPHRAIM BANNING,
SAMUEL E. HIBBEN.