

(No Model.)

O. McCOY.

DRYING SHED FOR BRICKS, &c.

No. 337,180.

Patented Mar. 2, 1886.

Fig. 1

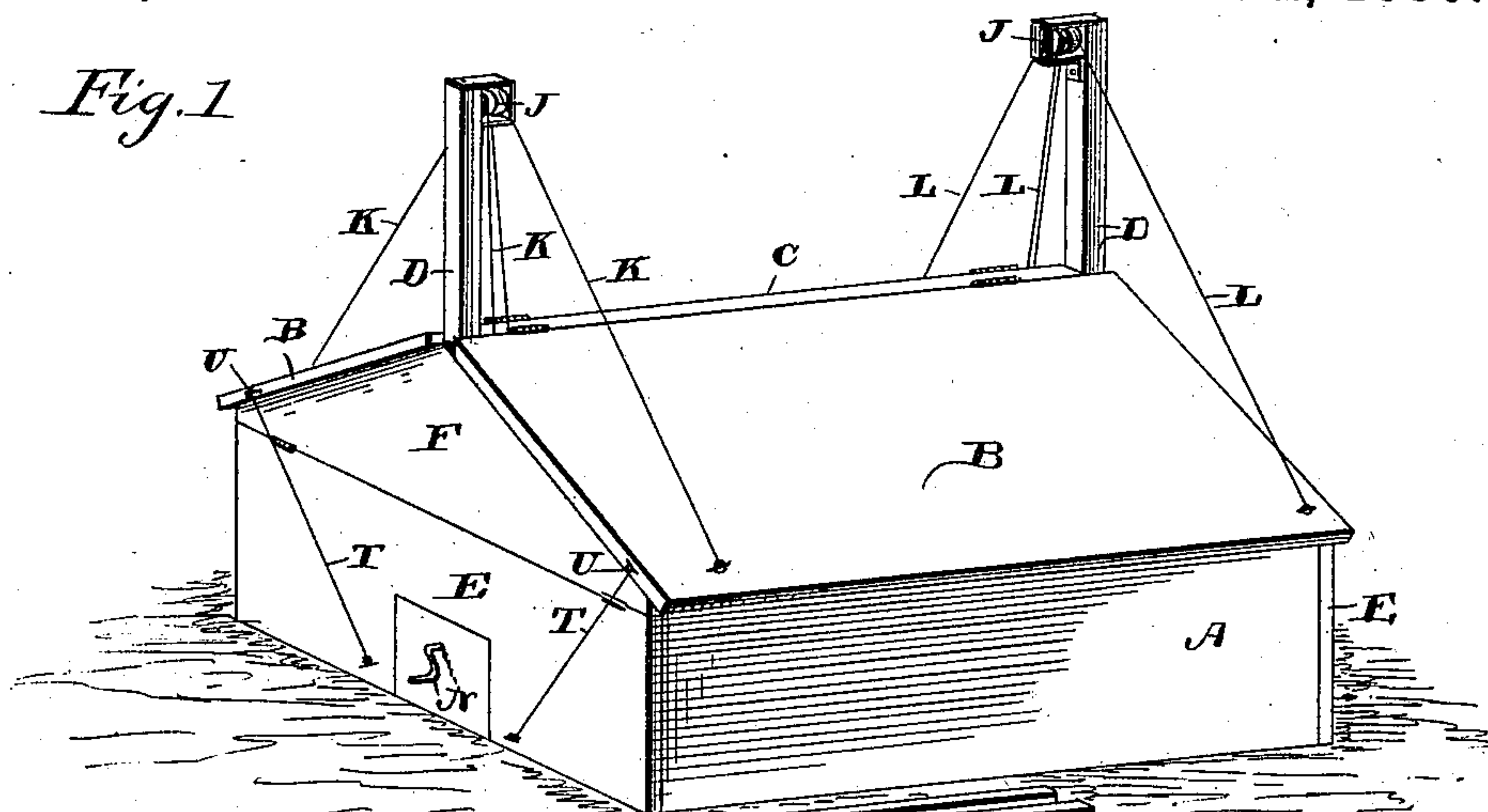


Fig. 2.

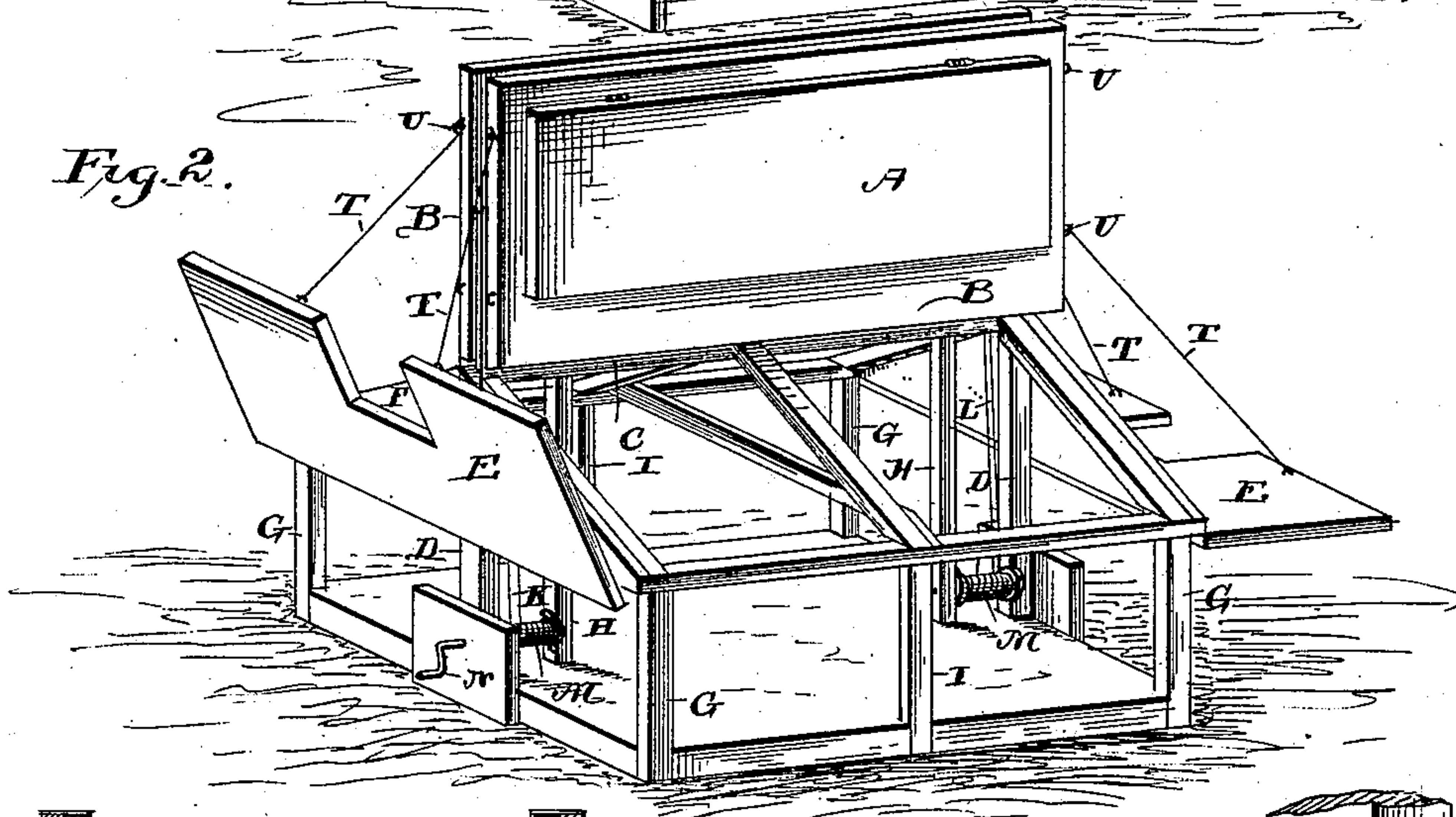


Fig. 3

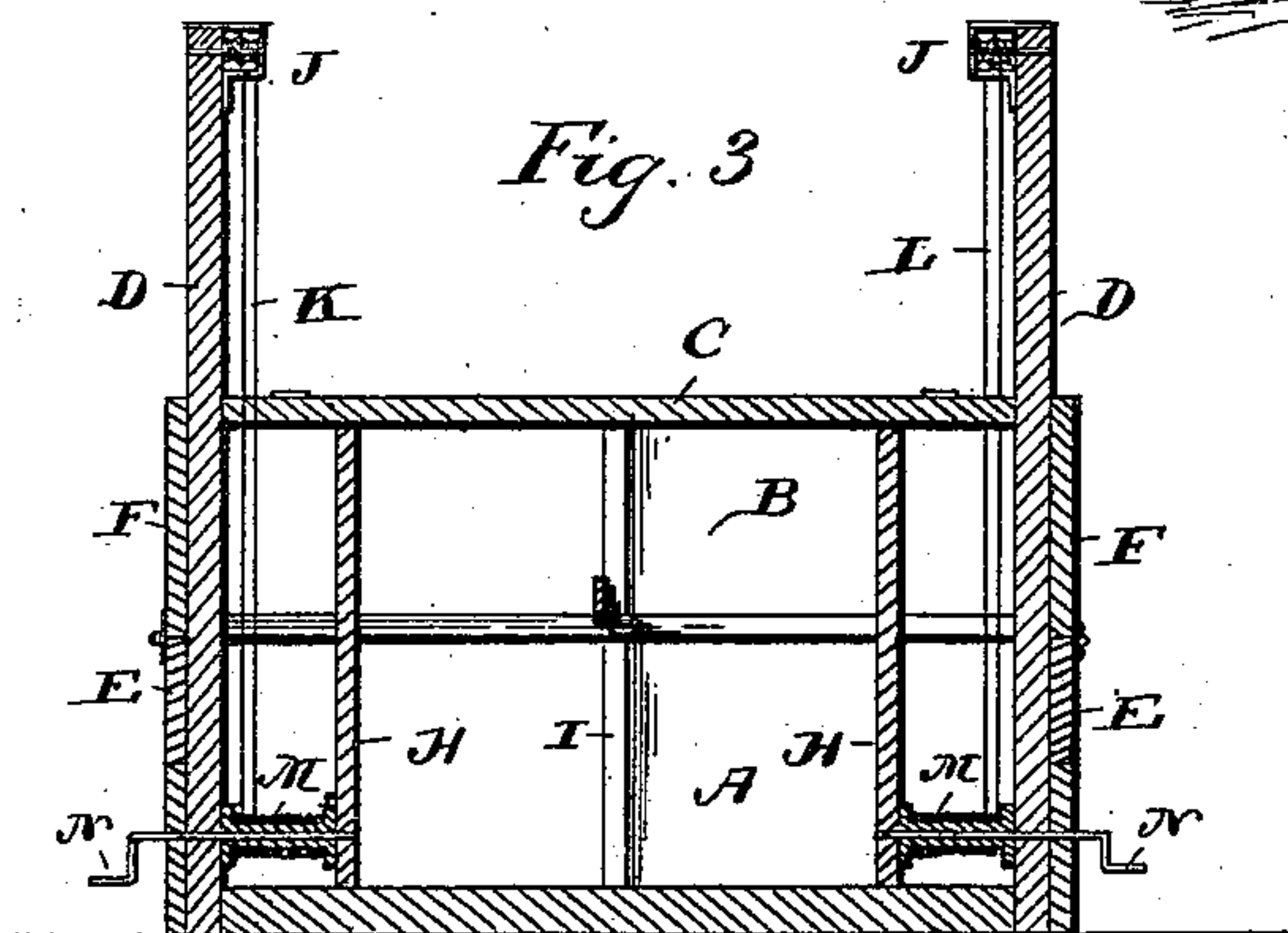
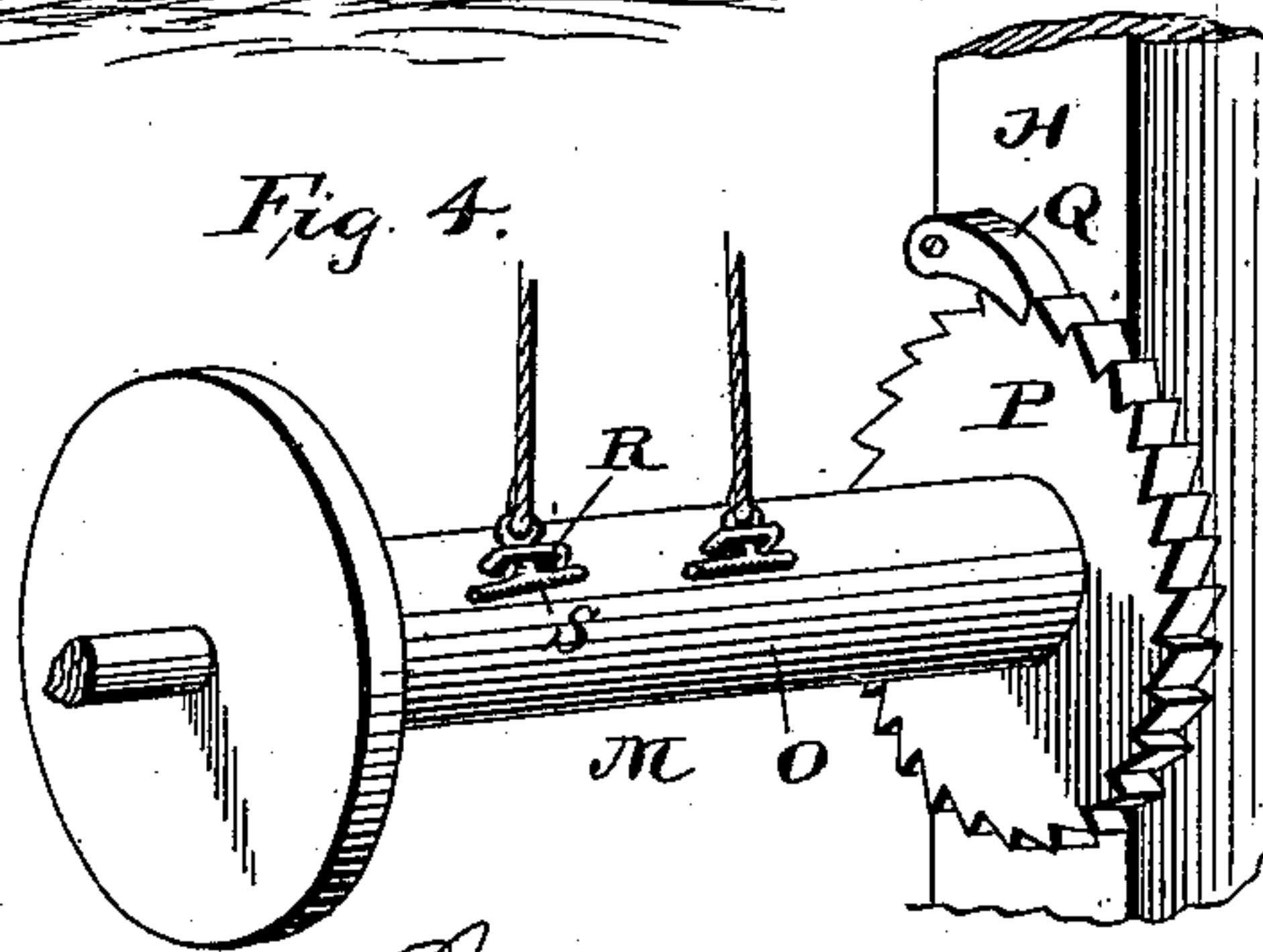


Fig. 4.



WITNESSES

F. L. Curran,

Geo. E. French

Oscar McCoy
INVENTOR,

By Louis Bagger & Co.
Attorney

UNITED STATES PATENT OFFICE.

OSCAR McCOY, OF VERSAILLES, ILLINOIS, ASSIGNOR OF ONE-HALF TO
LOUISIA A. ALLEN, OF LACLEDE, MISSOURI.

DRYING-SHED FOR BRICKS, &c.

SPECIFICATION forming part of Letters Patent No. 337,180, dated March 2, 1886.

Application filed September 7, 1885. Serial No. 176,448. (No model.)

To all whom it may concern:

Be it known that I, OSCAR McCOY, of Versailles, in the county of Brown and State of Illinois, have invented certain new and useful
5 Improvements in Drying-Sheds for Bricks, &c.; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use
10 the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of my improved drying-shed, showing it closed. Fig.
15 2 is a similar view of the shed, showing it open. Fig. 3 is a longitudinal-vertical sectional view of the closed shed; and Fig. 4 is a detail view of the fastening for the ropes to the windlass.

20 Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to drying-sheds for the drying of bricks, pottery, broom-corn, fruit, tobacco, or any other articles which it
25 may be desired to dry in the air and at the same time protect from either excessive sun-heat or rain; and it consists in the improved construction and combination of parts of the same, as hereinafter more fully described and
30 claimed.

In the accompanying drawings, the letters A A indicate the sides of the shed, which are hinged at their upper edges to the eaves of the sides of the roof, which are lettered B in the
35 drawings, and which sides are hinged at their upper edges to the ridge-pole C, which is supported by two upright posts, D D, extending above the ridge-pole at the middles of the gables of the shed. The end pieces, E, of the
40 shed are hinged at their upper edges to the lower edges of the gable portions F F of the shed, which gable portions are supported by the upright gable-posts and by the corner-posts G, and the shed has posts H supporting the
45 ridge-pole, and posts I in the sides which support the beams and rafters of the roof. The upper ends of the large upright posts D are provided with pulleys J, over which pass two
50 pairs of ropes, K K and L L, in opposite directions, one set or pair of ropes being secured to the outer edge of one flap or side of the roof, while the other set is secured to the other flap

or side, and the ends of the ropes are secured to two windlasses, M M, at the ends of the shed, after passing through the ridge-pole of
55 the shed at the ends of the same. The windlasses are provided with cranks N, projecting either inside or outside of the shed, and the drums O of the windlasses are provided with ratchet-wheels P, which are engaged by pawls
60 Q. The drums of the windlasses have staples R, to which the ends of the hoisting-ropes may be secured removably, the ends of the ropes having T-shaped hooks S, so that the ends of
65 either set of ropes may be detached from the windlass and only one side of the shed raised. Ropes T are secured to the lower edges of the hinged end pieces of the shed and to staples U upon the ends of the roof-flaps, the ropes being
70 secured detachably to the ends of said flaps at the staples, so that by moving the end of the rope from staples near the hinge-edges of the roof-flaps to staples nearer the outer
75 edges of the flaps the end pieces may be raised more when the roof-flaps and sides are raised, moving the ends of the ropes toward the
hinge-edges of the roof-flaps having the opposite effect. Suitable guy-ropes, V, are secured
80 to the upright posts and to the ground, as well as to the roof-flaps, being drawn taut when the roof-flaps are raised. It will thus be seen that the shed may be used for all open-air-drying
85 purposes, and at the same time it will protect its contents against rain or excessive sun-heat.

Either side of the shed and roof may be raised, so that either sun may be admitted into one side or excluded from the same, while the other side of the shed is exposed to the air but shaded from the sun.
90

If desired, the sides, ends, and roof-flaps may all consist of frames covered with canvas or water-proof material, so that the shed will be easier operated by reason of the less weight of the hinged parts, while they will protect
95 the contents of the shed equally as well as when the movable parts are made of boards or other lumber.

Work may be carried on in the shed and drying take place in the shed at the same time,
100 and all changes of the weather be guarded against or taken advantage of by raising or lowering more or less of the hinged portions of the shed.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

5 1. A drying-shed having the sides of its roof hinged to the ridge-pole, and having its sides hinged to the sides of the roof, and provided with means, substantially as described, for the purpose of raising or lowering the said hinged portions, as and for the purpose shown
10 and set forth.

2. In a drying-shed, the combination of two upright posts having pulleys at their upper ends, a ridge-pole secured at its ends to the uprights below their upper ends, roof-flaps
15 hinged to the ridge-pole, side pieces hinged at their upper edges to the eaves of the roof-flaps, and hoisting-ropes secured near the outer edges of the roof-flaps and passing into the shed over the pulleys, as and for the purpose shown and set forth.
20

3. In a drying-shed, the combination of the frame of the shed having two upright posts projecting above the ridge-pole, roof-flaps hinged to the ridge-pole, side pieces hinged to

the eaves of the roof-flaps, end pieces hinged 25 at their upper edges to the gable portions, windlasses at the ends of the shed, pulleys upon the upper ends of the upright posts, ropes passing over the pulleys and secured to the roof-flaps near their lower edges and to the 30 windlasses, and ropes secured to the lower edges of the end pieces and to the ends of the roof-flaps, as and for the purpose shown and set forth.

4. In a drying-shed, the combination of the 35 hinged roof-flaps and side pieces, the ropes passing over the pulleys upon the upright posts, and having T-shaped hooks at their lower ends, and the windlasses having the staples upon their drums, as and for the purpose shown and set forth. 40

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

OSCAR McCOY.

Witnesses:

J. H. ALLEN,
JOHN W. WELLS.