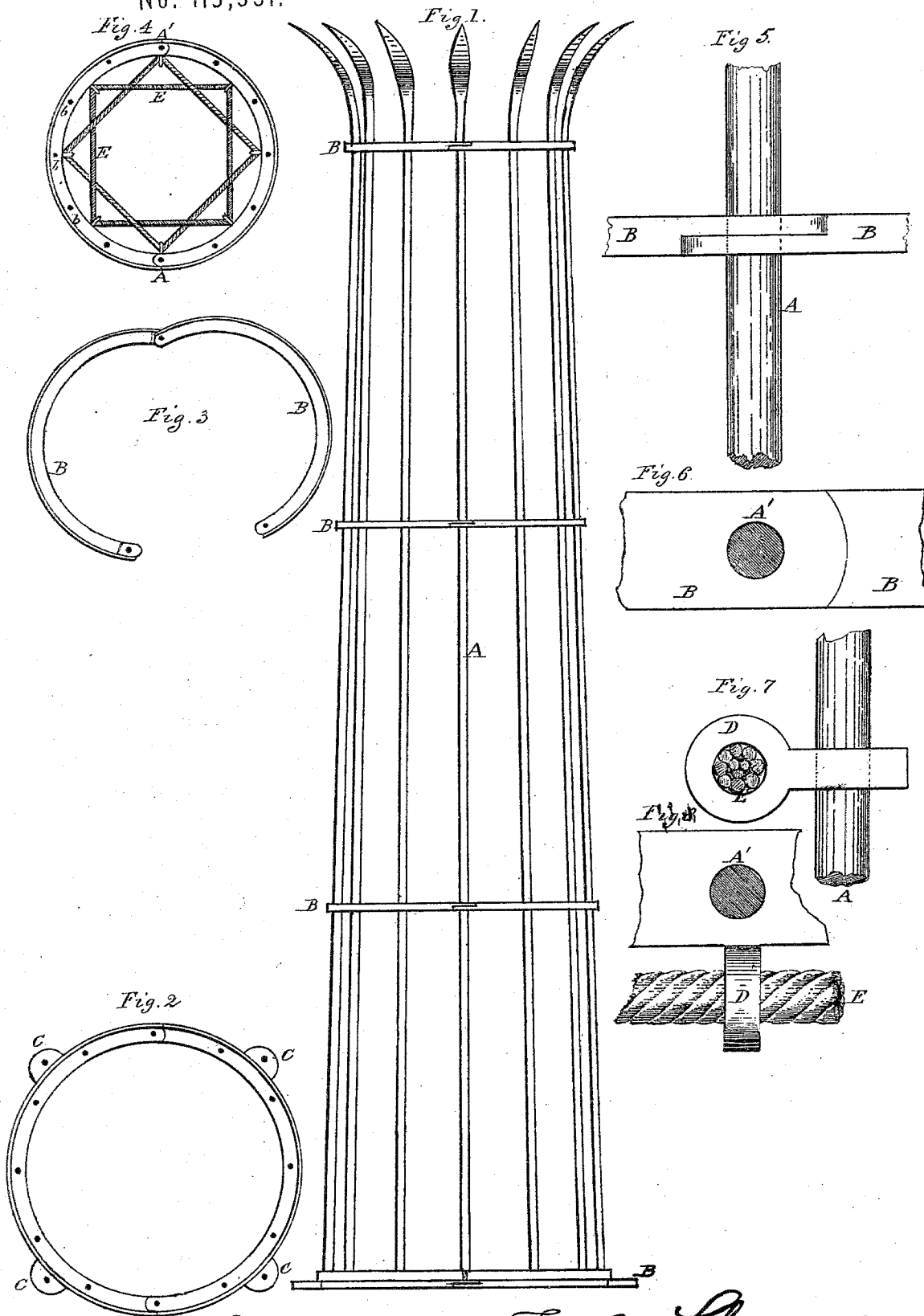


EDWARD O. SCHWAGERL.
Improvement in Tree-Boxes.

Patented May 30, 1871.

No. 115,531.



Witnesses } E. J. Munnick,
J. M. Smith

E. O. Schwagerl

UNITED STATES PATENT OFFICE.

EDWARD O. SCHWAGERL, OF ST. LOUIS, MISSOURI.

IMPROVEMENT IN TREE-BOXES.

Specification forming part of Letters Patent No. 115,531, dated May 30, 1871.

Be it known that I, EDWARD O. SCHWAGERL, of St. Louis, in the State of Missouri, have invented an Improved Tree-Box; and I declare that the following is a true and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon.

Description of the Accompanying Drawing.

Figure 1 is an elevation of the tree-box. Fig. 2 is a plan of the base thereof. Fig. 3 is plan of one of the belts or rings surrounding the box in open or unlocked position. Fig. 4 is a plan of the upper belt or ring in locked or closed position, showing the rope-guard and its mode of attachment. Fig. 5 is an elevation of one of the joints uniting the two sections of the rings. Fig. 6 is a plan of the same. Fig. 7 is an elevation of part of the top ring. Fig. 8 is a plan of the same.

In the various figures similar letters indicate corresponding parts.

General Description.

The nature of my invention consists of an iron or metallic tree-box, so constructed with perpendicular rods passing through horizontal rings or belts that one of the rods forms a hinge and the opposite rod a lock, as shown

in Fig. 5, thus enabling the box to be opened at pleasure; also, projections with holes on the inner side of the upper belt for the purpose of inserting a rope or guard to prevent the tree chafing against the sides of the iron belt, as shown in Fig. 4.

A A' represent vertical rods connected together by means of the bands or rings B B, &c., which are in two parts, allowing the box to be opened by turning on either of the opposite rods A A' when the other is withdrawn. C C are flanges on the lower ring, by which the box may be fastened to the ground, and b b are the holes through which the vertical rods are passed. D D represent the eyes for the insertion of the guard-ropes E.

Inspection of the drawing will enable any iron-worker to construct the box.

I claim as my invention and desire to secure Letters Patent for—

The rectangularly-arranged interior guards E and eyes or perforated lugs D for the insertion and attachment of the same, substantially as specified.

ED. O. SCHWAGERL.

Witnesses:

E. T. MERRICK,
JOHN FAHL.