

(No Model.)

H. F. JUETTE.

TREE PROTECTOR.

No. 407,532.

Patented July 23, 1889.

Fig. 1.

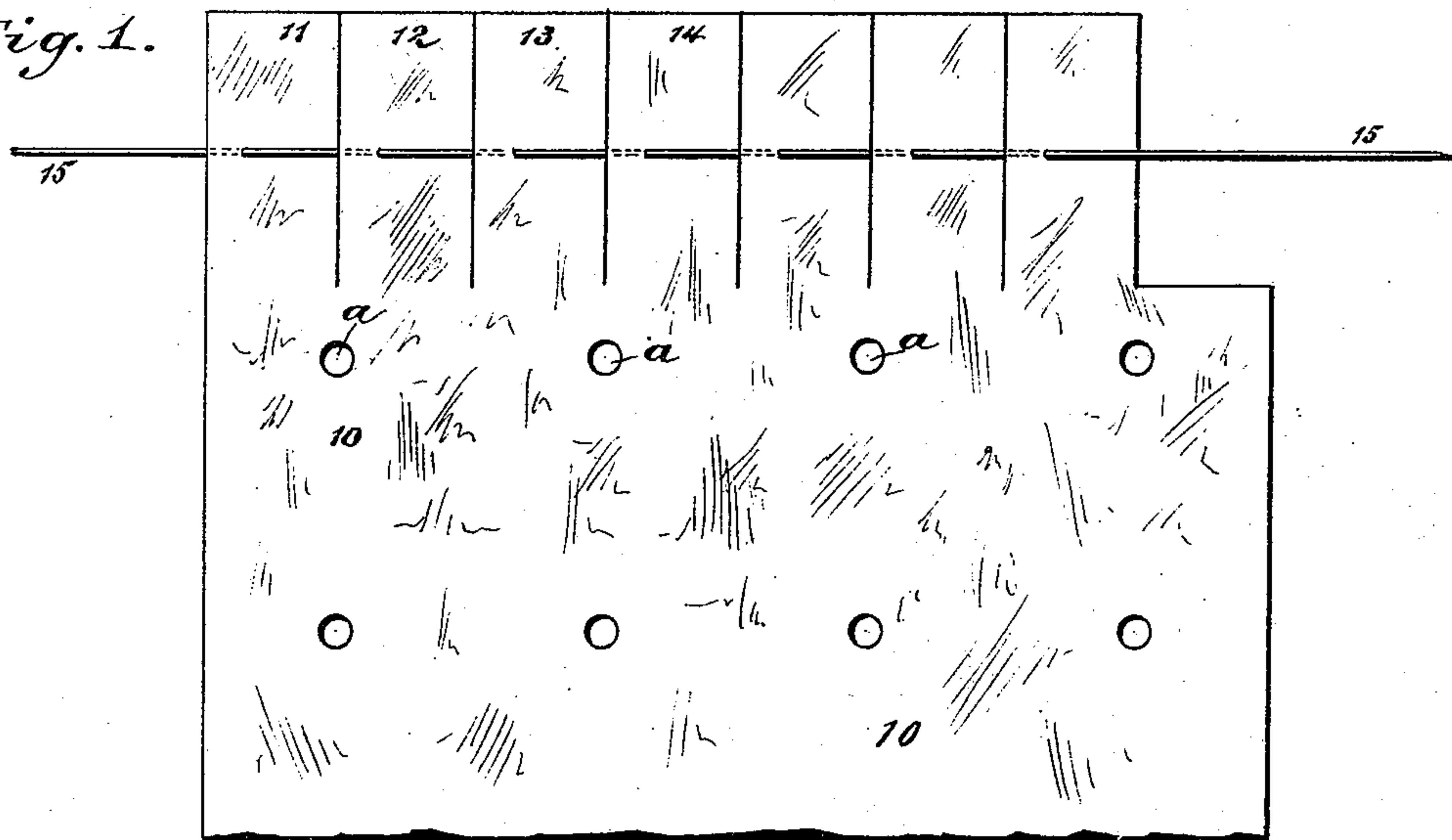


Fig. 2.

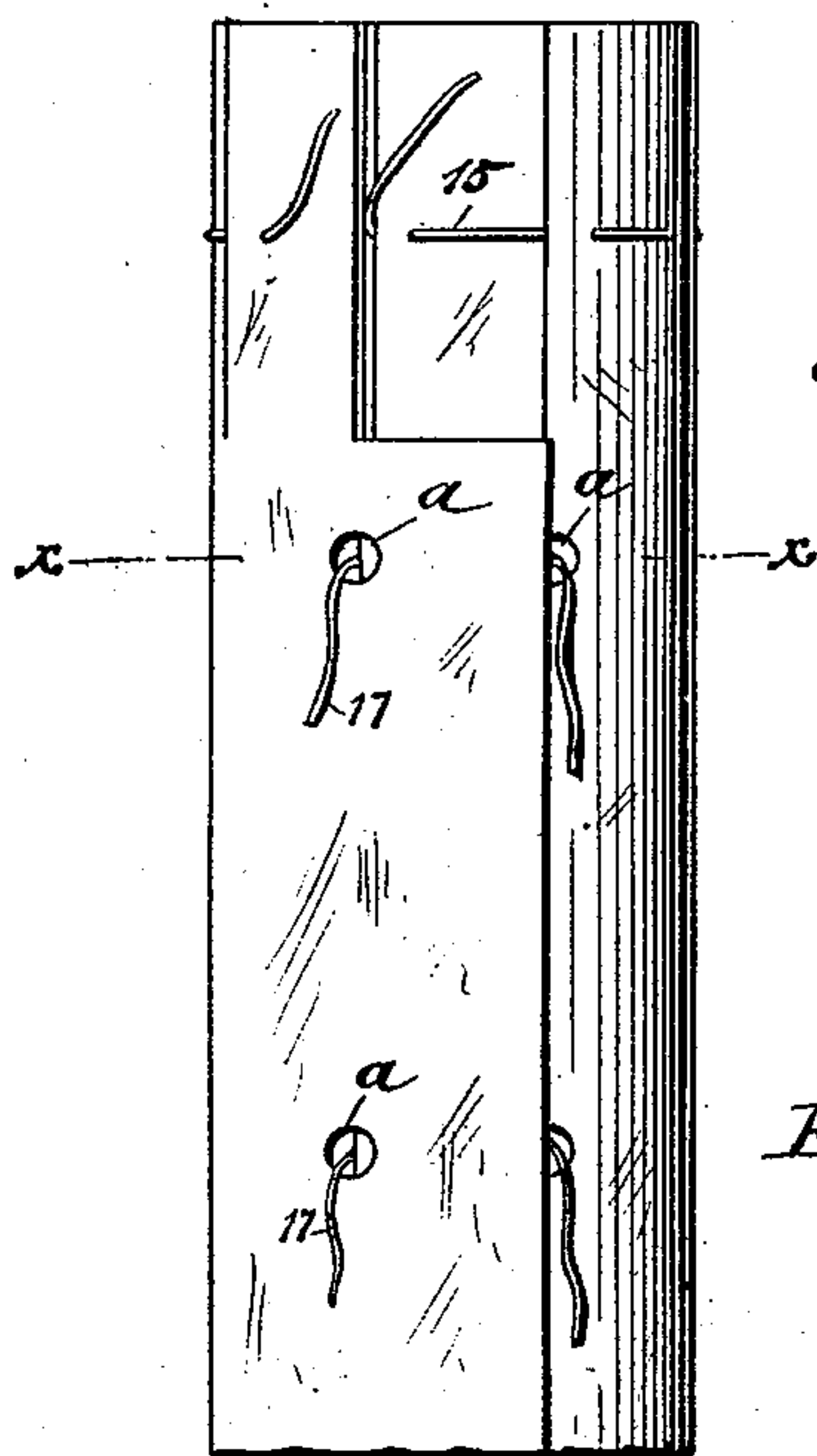


Fig. 4.

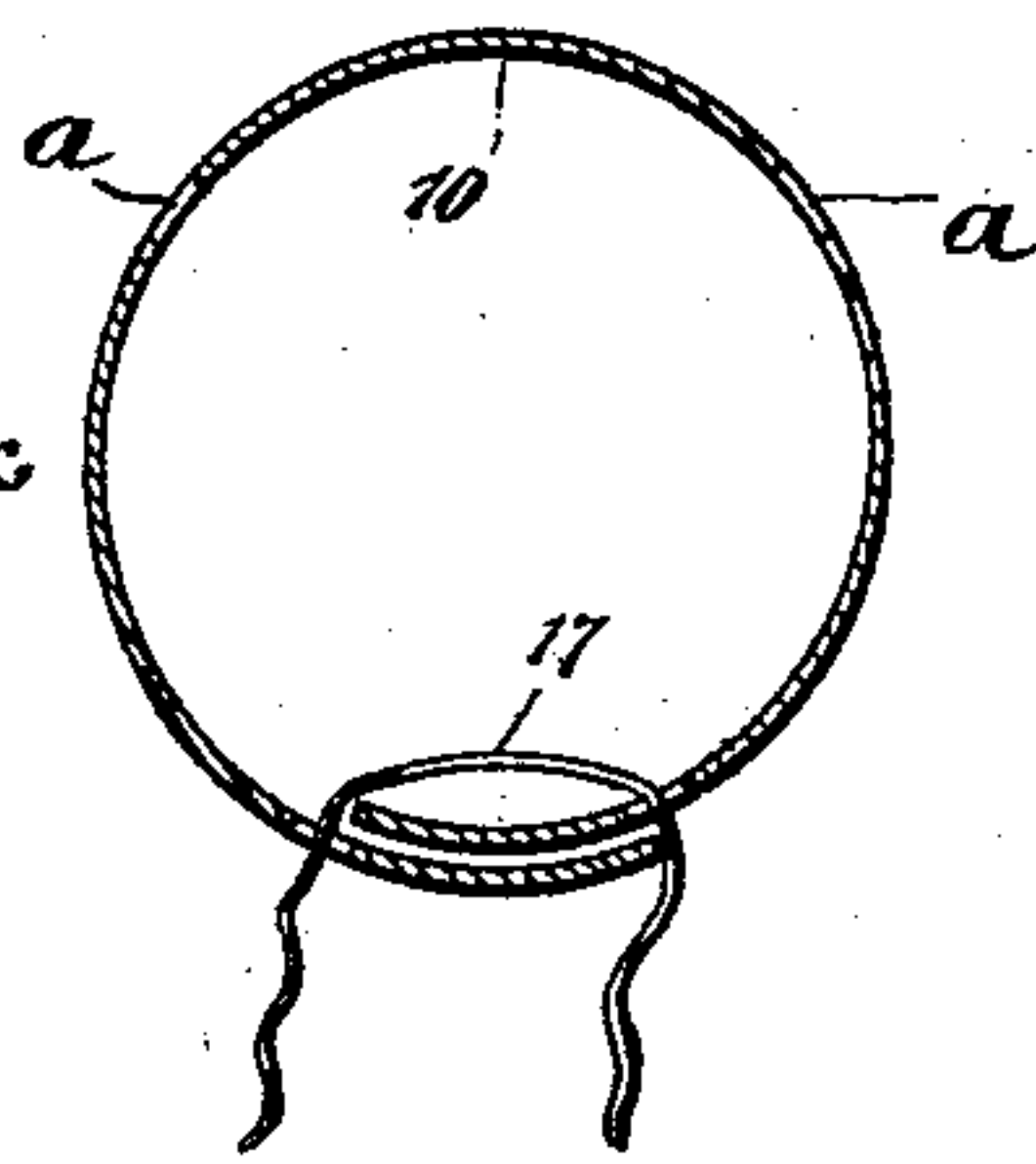


Fig. 5.

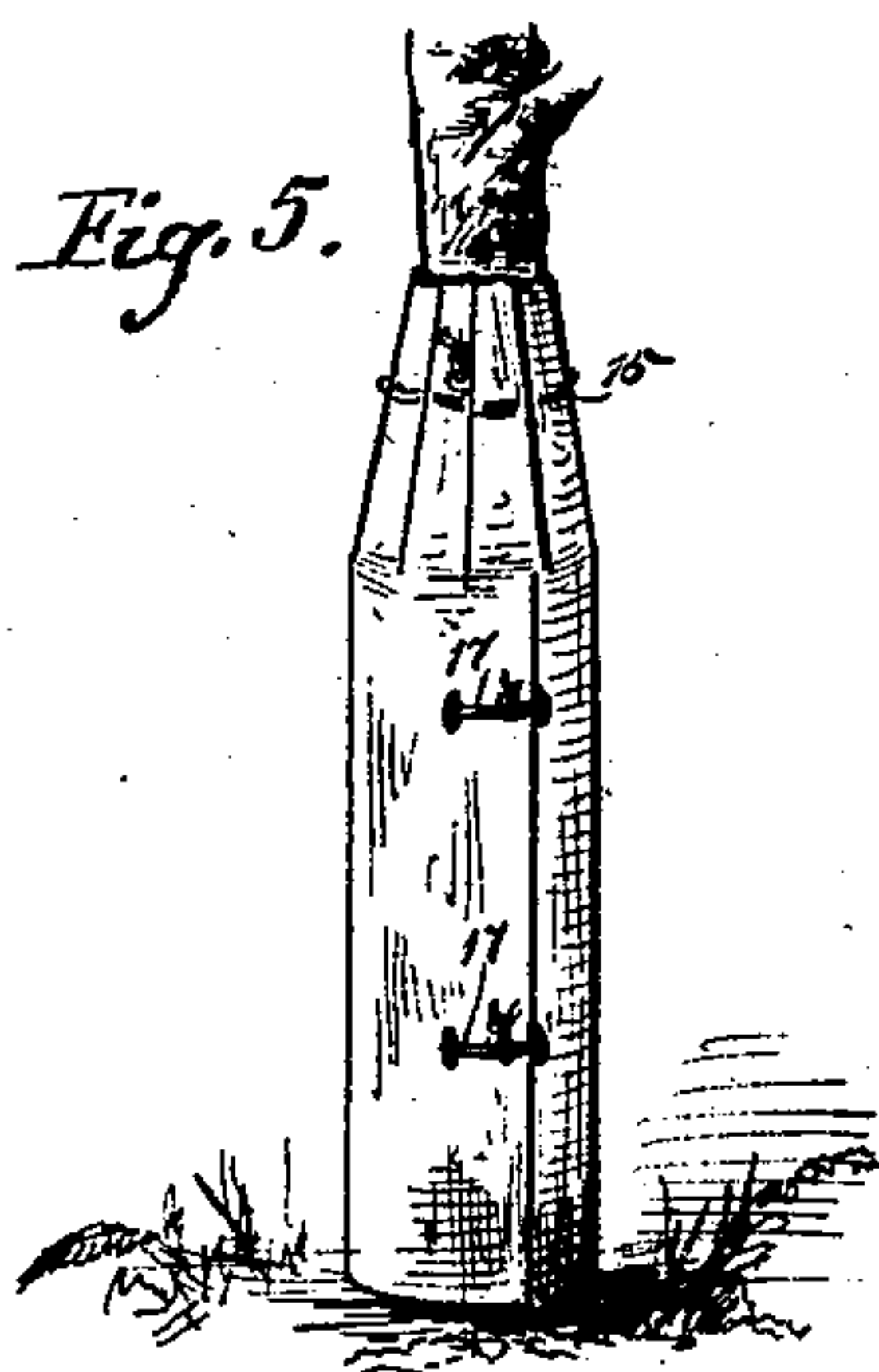
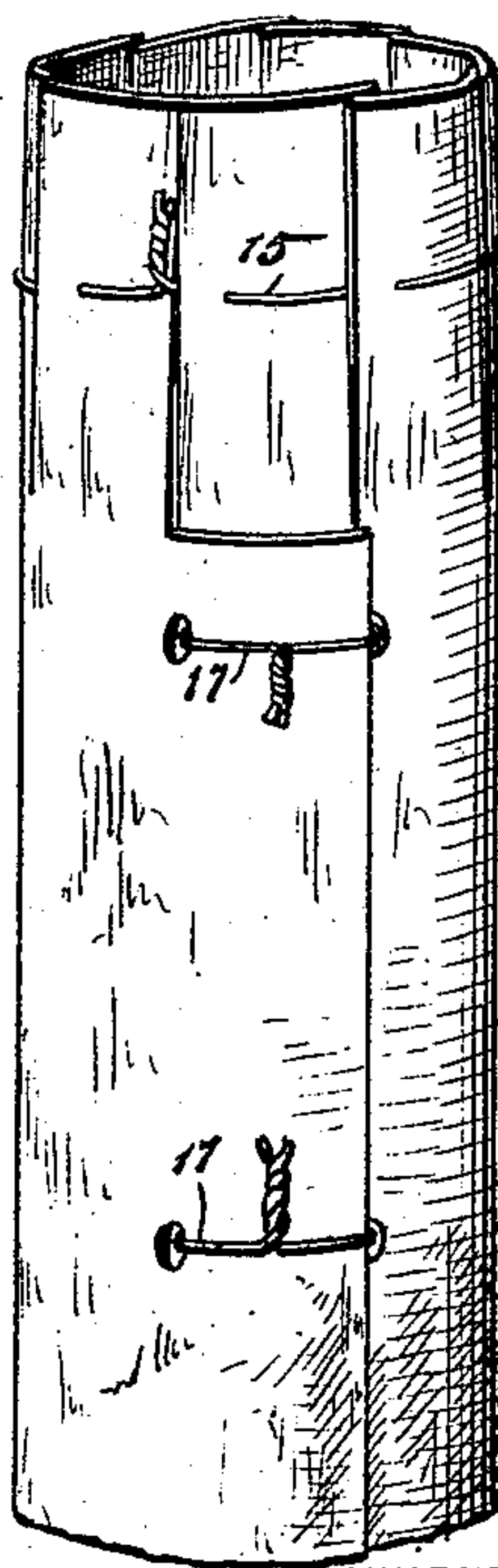


Fig. 3.



WITNESSES:
John H. Deemer
C. Sedgwick

INVENTOR
H. F. Juetter
BY
Munn & Co.
ATTORNEY

UNITED STATES PATENT OFFICE.

HERMAN F. JUETTE, OF PALMYRA, MISSOURI, ASSIGNOR, BY MESNE ASSIGNMENTS, TO AMY E. JUETTE, OF SAME PLACE.

TREE-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 407,532, dated July 23, 1889.

Application filed February 28, 1889. Serial No. 301,497. (No model.)

To all whom it may concern:

Be it known that I, HERMAN F. JUETTE, of Palmyra, in the county of Marion and State of Missouri, have invented a new and Improved Tree-Protector, of which the following is a full, clear, and exact description.

This invention relates to tree-protectors, the object of the invention being to provide a simple, cheap, and durable protector for tree-trunks, and one which having been once applied will not need attention for a number of years.

To the ends named, the invention consists, essentially, of a sheet of tarred felt, in the body of which there are formed a number of apertures, the top of the sheet being cut so as to form flaps, which are overlapped in applying the protector, the several flaps being connected by a wire, all as will be hereinafter more fully explained, 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 figures and letters of reference indicate corresponding parts in all the views.

Figure 1 is a view of a portion of the tree-protector, representing the same as it appears prior to being bent to cylindrical form. Fig. 2 is a view of the protector as it appears when first wrapped about the tree. Fig. 3 is a view of the protector as it appears after having been secured in position. Fig. 4 is a cross-sectional view on line *xx* of Fig. 2, and Fig. 5 is a view of the protector as it appears when applied to a young tree.

The tree-protector forming the subject-matter of this application consists of a sheet of tarred felt 10, which is preferably extra heavy. Through the body of this sheet there are

formed openings *a*, which serve to admit light and air sufficient to keep the tree-trunk in a healthy condition.

The upper portion of the sheet 10 is cut so that flaps 11 12 13 14, &c., are formed, and these flaps are united by a wire 15, which is passed through the flaps, as shown in the drawings. One of the upper corners of the protector—preferably the right-hand upper corner—is cut away, as shown.

In applying the protector the sheet is placed about the trunk of the tree. The flaps 11 12, &c., are then adjusted so that they will overlap, and the ends of the wire 15 are twisted together, the wire, however, being bent at the time that the flaps are overlapped, so that as the trunk of the tree in connection with which the protector is employed increases in diameter the flaps will be free to expand. The edges of the main body of the sheet 10 are united by wires 17, which are passed through certain ones of the apertures *a*.

The protector above described is an effective guard against borers, mice, rabbits, &c.

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

As an improved article of manufacture, a tree-protector consisting of a perforated sheet of tarred felt having its upper portion slitted to form a series of flaps, and provided with a wire passing through the flaps, the said flaps being adapted to overlap each other, and the wire being bent at the time that the flaps are overlapped to permit the protector to expand as the tree grows, as set forth.

HERMAN F. JUETTE.

Witnesses:

JAMES W. OWSLEY,
MICHAEL CONLON.