

A. PUDIGON.
SAP-COLLECTOR.

No. 175,751.

Patented April 4, 1876.

Fig. 1.

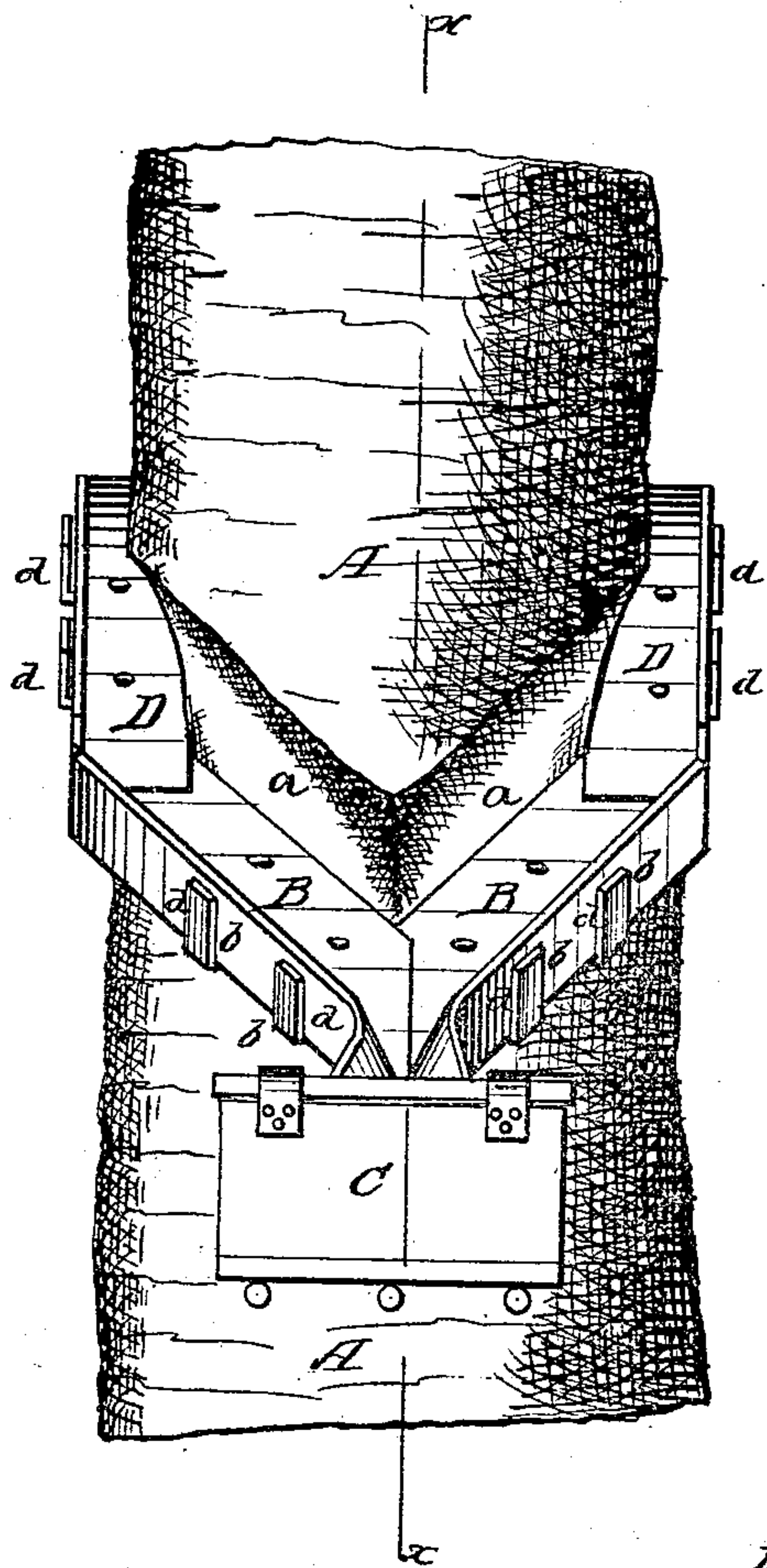


Fig. 2.

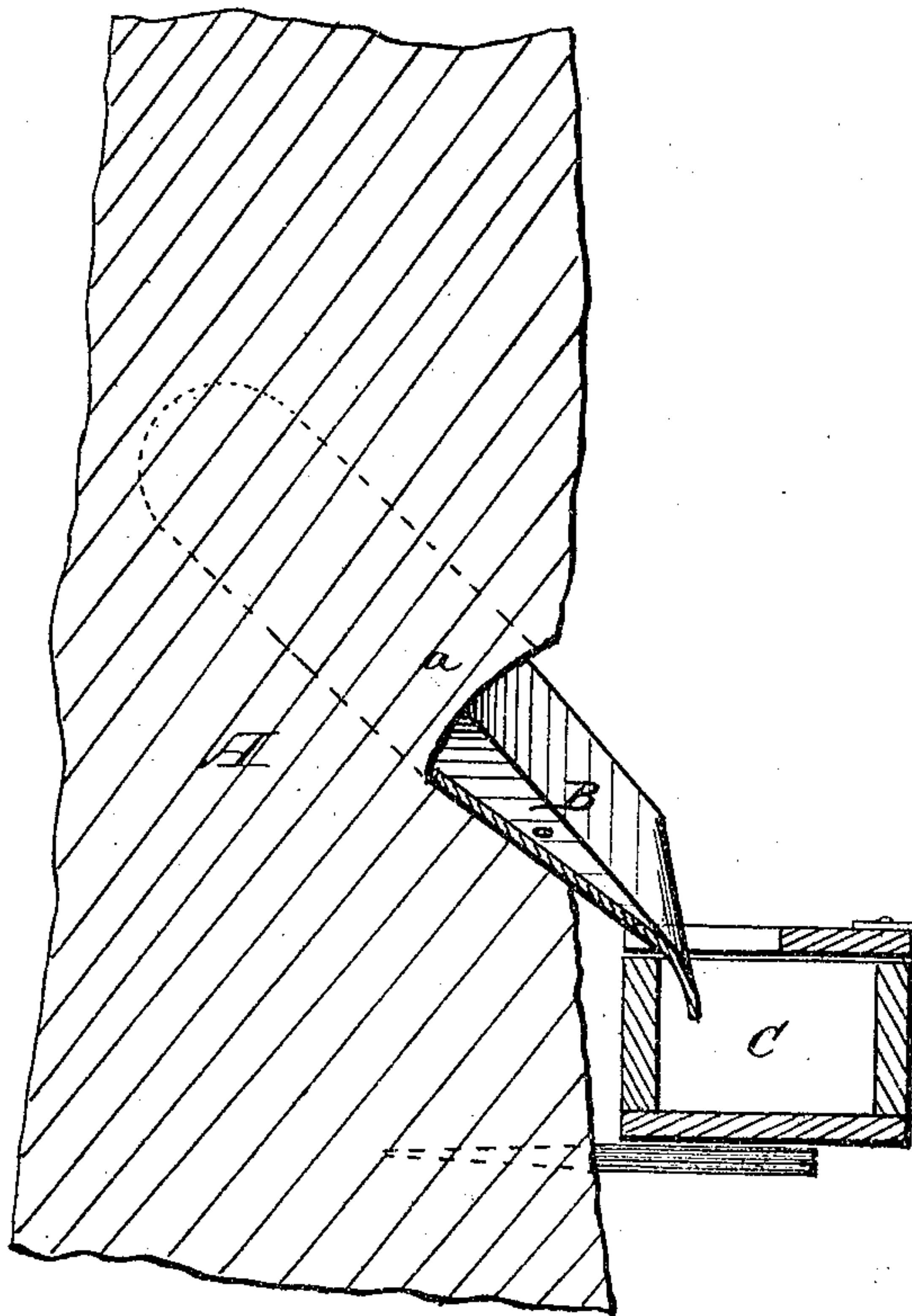
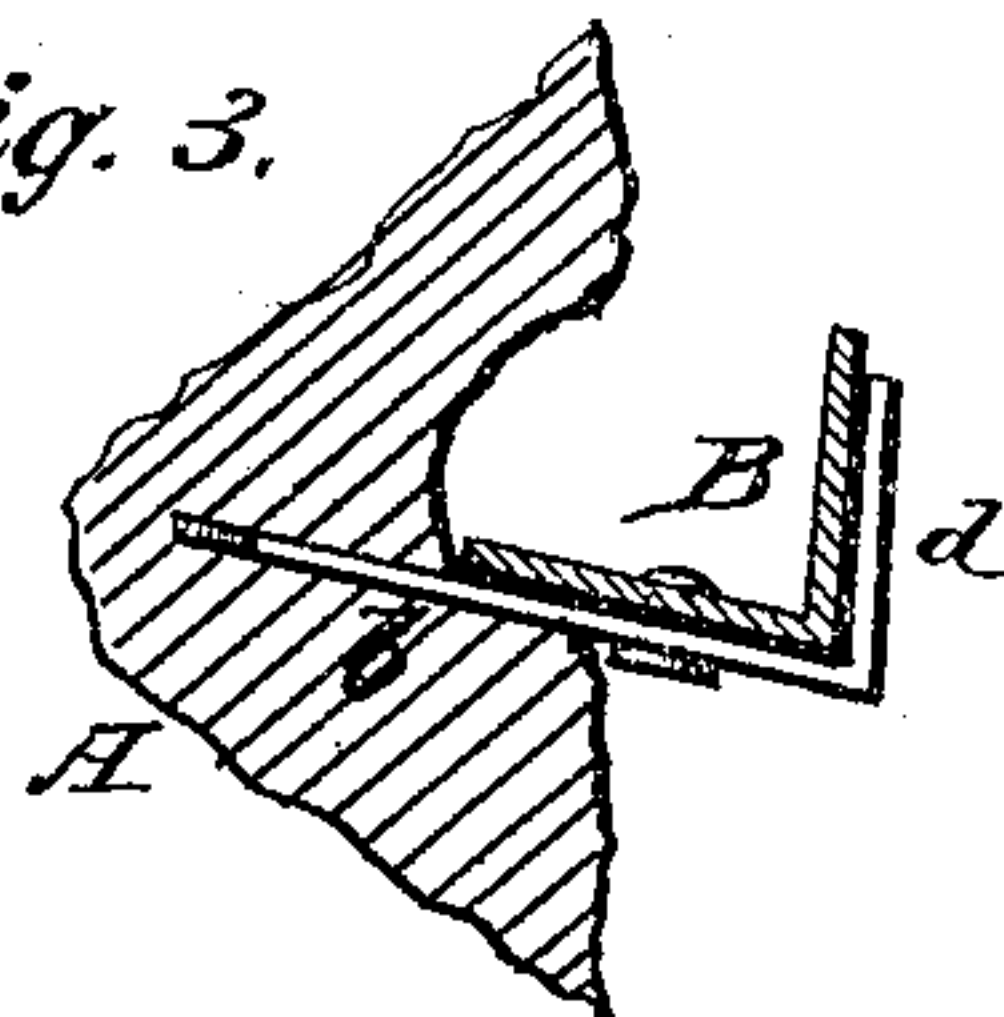


Fig. 3.



WITNESSES:
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UNITED STATES PATENT OFFICE.

AUGUST PUDIGON, OF MONK'S CORNER, SOUTH CAROLINA.

IMPROVEMENT IN SAP-COLLECTORS.

Specification forming part of Letters Patent No. **175,751**, dated April 4, 1876; application filed September 16, 1875.

To all whom it may concern:

Be it known that I, A. PUDIGON, of Monk's Corner, in the county of Charleston and State of South Carolina, have invented certain new and useful Improvements in Sap Collectors; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which forms part of this specification.

The nature of my invention consists in the construction and arrangement of a device for collecting turpentine or sap from trees, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a front elevation. Fig. 2 is a central vertical section of my invention, and Fig. 3 is a detail section.

A represents a part of the tree, having a groove, *a*, cut in it in the form shown in the drawing. B B represent the gutters for receiving the sap and conducting the same to the box. These gutters are made of metal and have metal spurs *b* riveted thereto, which

spurs are pressed into the sappy wood or bark and a shoulder, *d*, is turned upward to brace and strengthen the sides of the gutters. The gutters B B are made in V shape, and provided on each side with one or more side wings, D, enabling the gutter to go around the tree two thirds of its circumference. In connection with these gutters I use a single box, C, to each tree, said box being made of wood, and of such capacity as will correspond with the increased running surface. The box C, with its cover, being made of wood, prevents, or at least materially lessens, the evaporation, as wood is a poor conductor of heat.

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

The combination of the V-shaped gutters B, and one or more wings, D, on each side, for the purposes herein set forth.

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

A. PUDIGON.

Witnesses:

J. J. KENNY,
C. MOMISER.