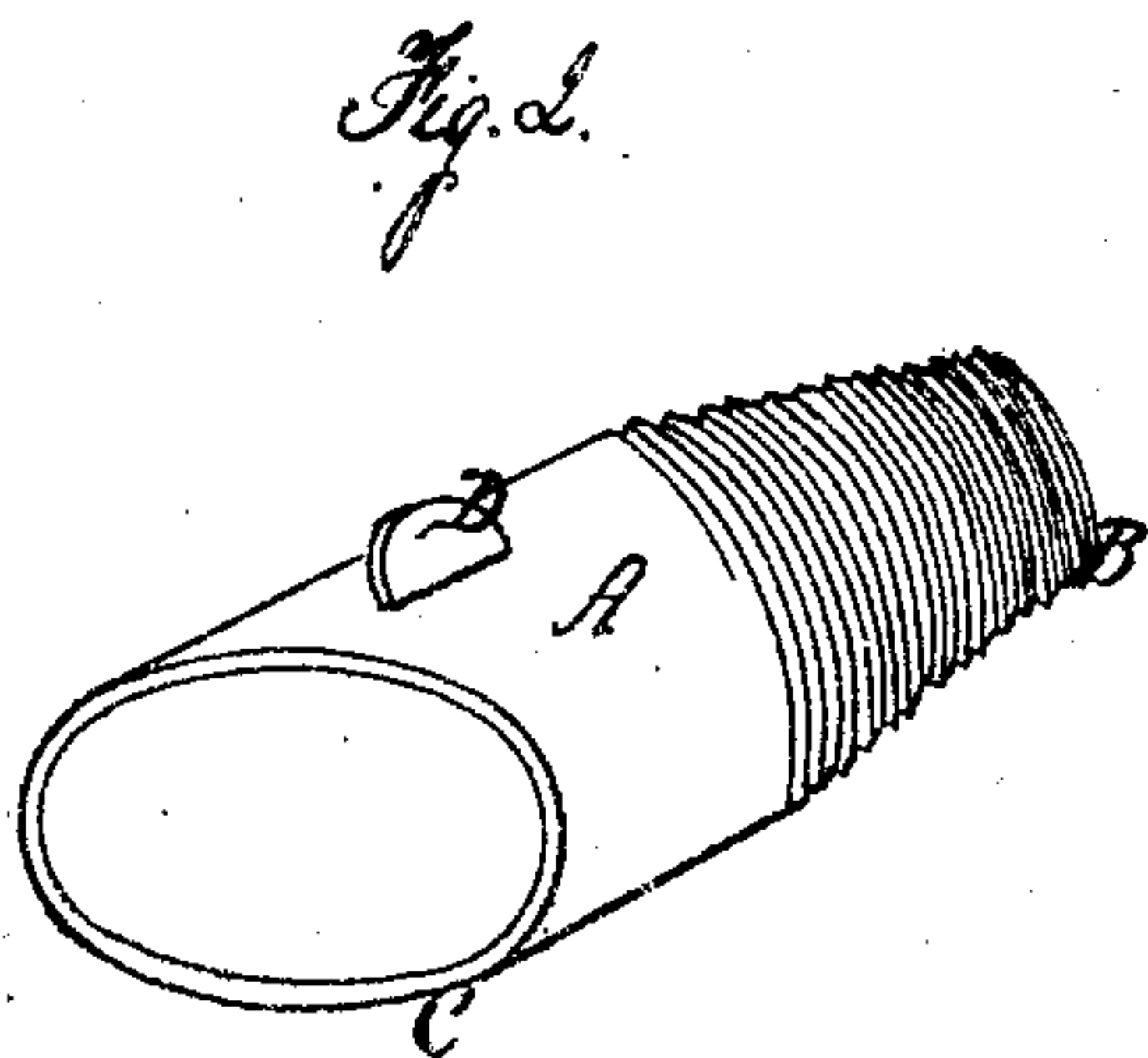
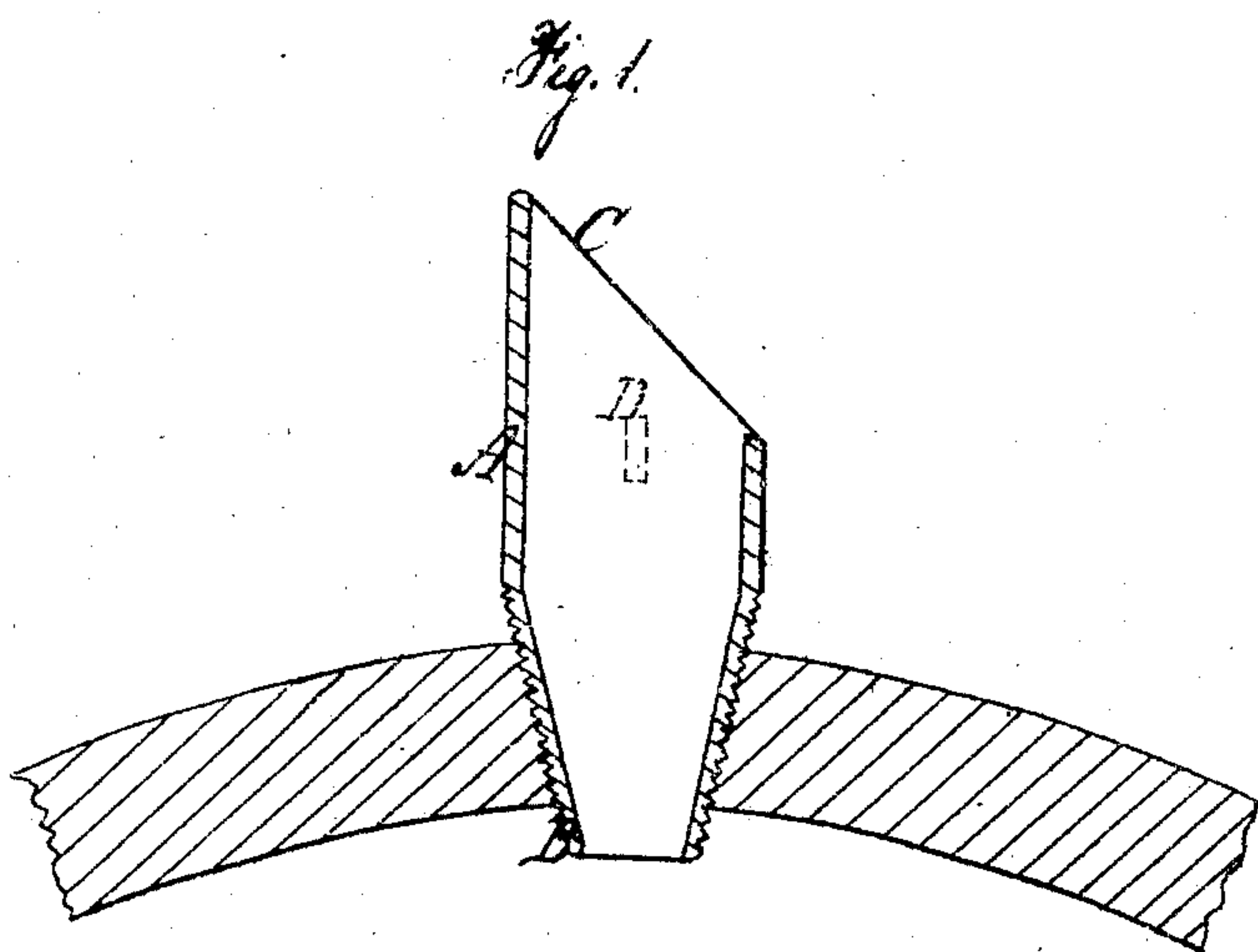


*Aug. Zinssei,
Barrel-Tap.*

Nº 76.030

Patented Mar. 24. 1868.



Witnesses.

*John C. Polles
C. F. Kastenhuber*

Inventor.

*Aug. Zinssei
per
Van Santvoord & Hauff
Atty.*

United States Patent Office.

AUGUST ZINSSER, OF NEW YORK, N. Y.

Letters Patent No. 76,030, dated March 24, 1868.

IMPROVEMENT IN TAPPING-PIECES FOR BARRELS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, AUGUST ZINSSER, of the city of New York, county and State of New York, have invented a new and improved Tapping-Piece; and I do hereby declare the following to be a full, clear, and exact description thereof, enabling those skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which drawing—

Figure 1 is an axial section of a tapping-piece, made according to my invention.

Figure 2 is a perspective of the tapping-piece.

This invention relates to tapping-pieces or spouts, usually applied to barrels and other vessels at or around the bung-hole, for the purpose of pouring liquids without wastage or dripping. Tapping-pieces for barrels and other vessels have heretofore been made by nailing an apron of leather or other flexible material below and around the bung-hole or place of discharge, or by forming a spout or tube of sheet metal, and driving one end into the bung-hole or into the solid wood around the bung-hole. Among the disadvantages of the leather tapping-piece are, that it is difficult to make it tight, that it easily becomes bent out of the proper shape, and that it cannot be used a second time with convenience. One of the disadvantages of the sheet-metal tapping-piece is, that its outer edge becomes battered and bent up by the blows required to drive it into its place, and it very soon becomes unfit for use; and another is, that the part driven into the barrel easily becomes bent and wrinkled, so as to leak. These several disadvantages are obviated, by my improved tapping-pieces, which are made by casting them, a screw-thread being formed on the end which enters the barrel, and their sides being provided with ears, to facilitate the operation of screwing them into their places.

The letter A designates a tapping-piece, made according to my invention. It is made by casting it of iron, or other suitable metal, with a screw-thread, B, on its taper end, and with ears, D D, on opposite sides of its larger end, which ears are intended to facilitate the screwing of the article into a bung-hole or other opening, by providing a good grasping-surface for the hand.

The discharging-end of the tapping-piece is inclined at an angle in the usual way, as indicated by the letter C. Tapping-pieces made according to my invention are not easily broken, and they can be driven without danger of turning up their edges, as in the case of those made of sheet metal. They can, furthermore, by means of the screw-thread, be fitted to a barrel, so as to make a tight joint, through which the liquid contents of the barrel cannot leak, and they can be removed from an empty barrel for use with a full one by merely unscrewing them, the ears D D enabling the operative to seize the article with a firm grasp.

It will be observed that my improved tapping-piece is of a character to resist wear and injury, and that its value and efficiency are not impaired by constant use.

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

The cast-iron tapping-piece A, with a screw-thread B and ears D D, substantially as shown.

This specification signed by me, this 3d day of February, 1868.

AUG. ZINSSER.

Witnesses:

W. HAUFF,

E. F. KASTENHUBER.