

(No Model.)

J. D. MARTIN.
OILING ATTACHMENT FOR HANDSAWS.

No. 389,399.

Patented Sept. 11, 1888.

Fig 1.

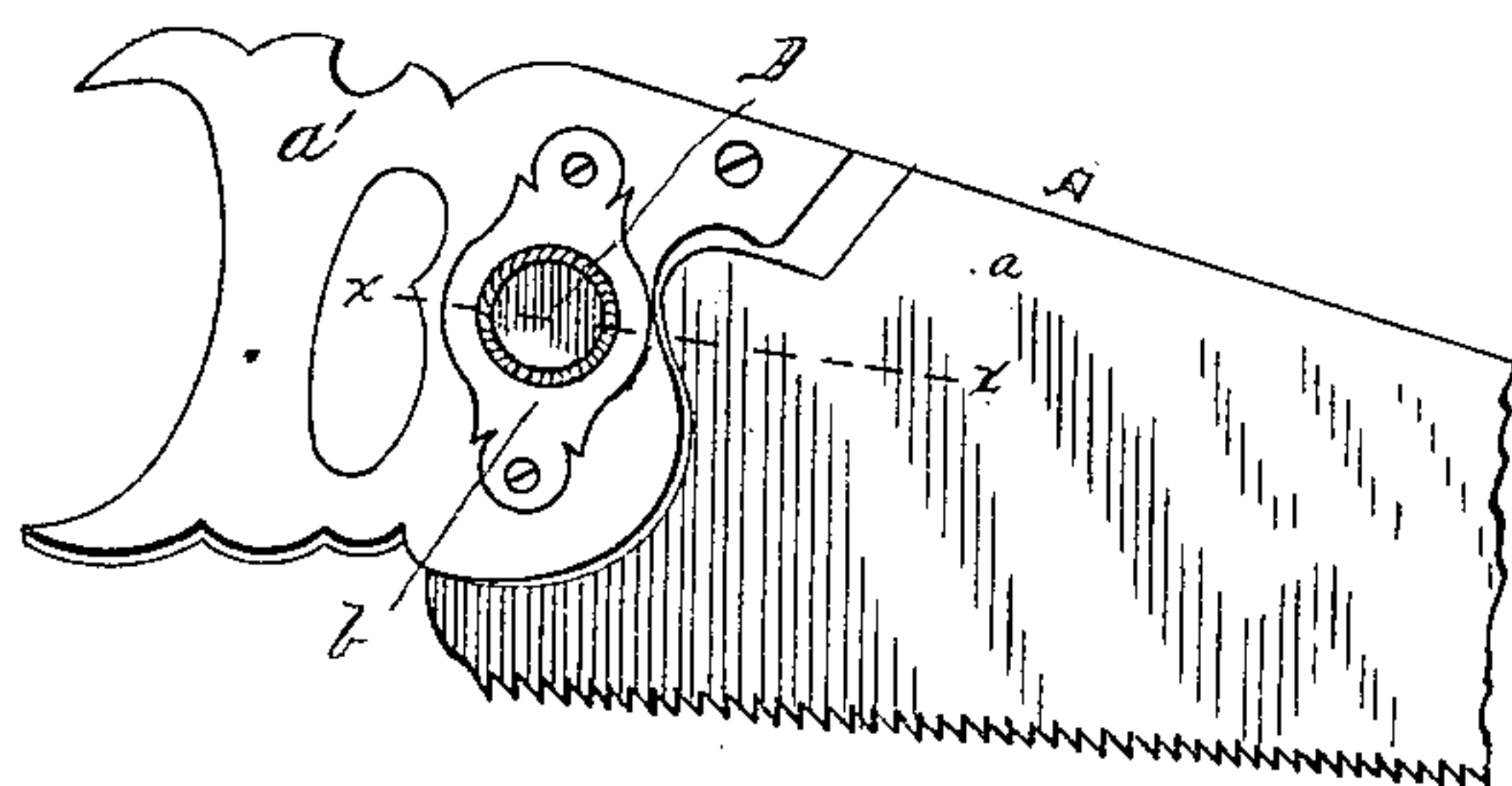


Fig 2.

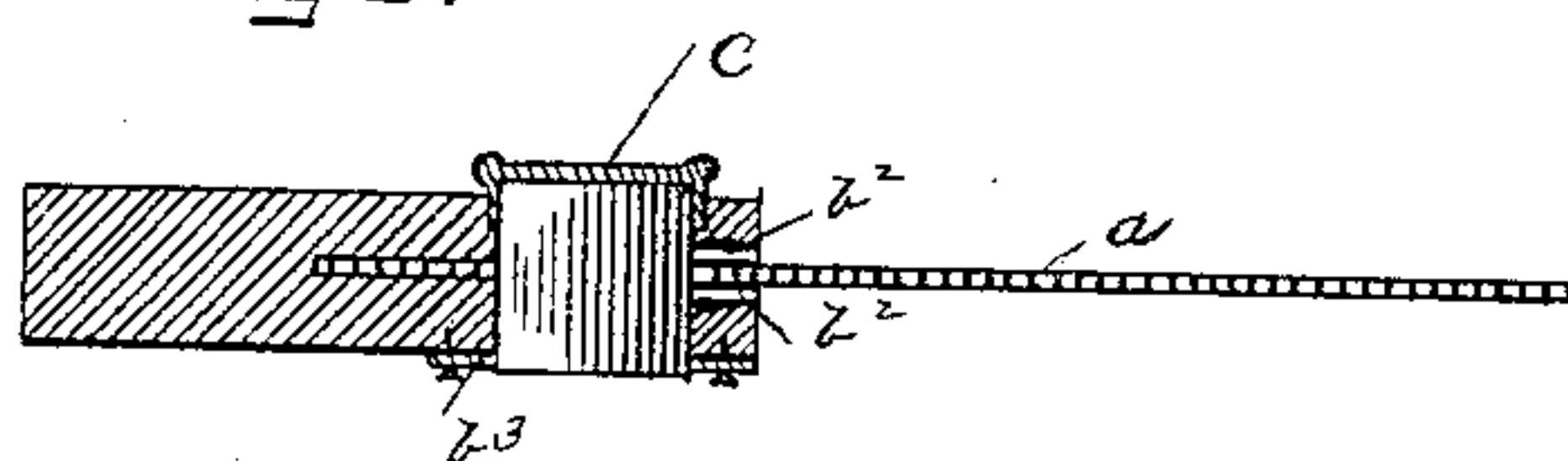


Fig 3.

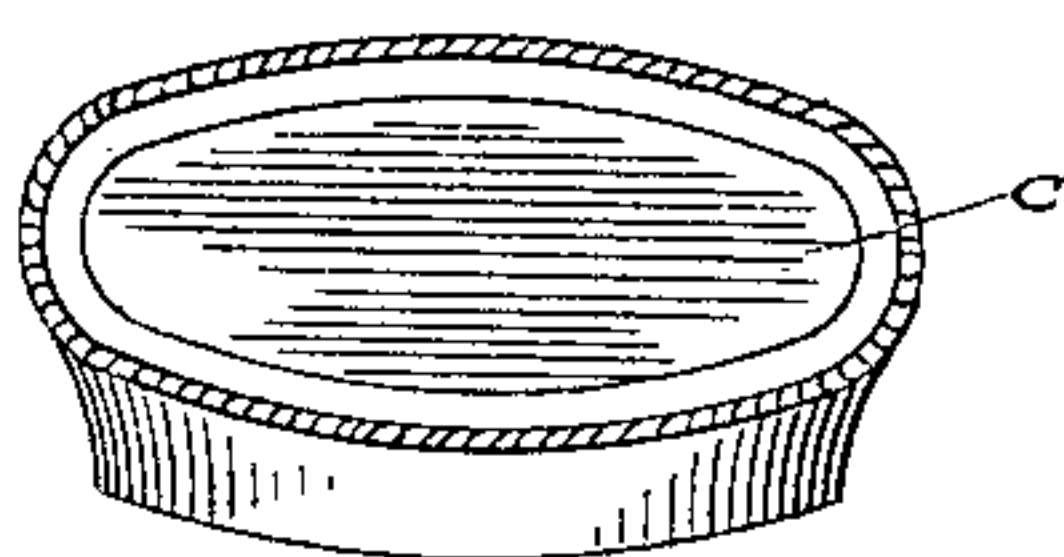


Fig 4.

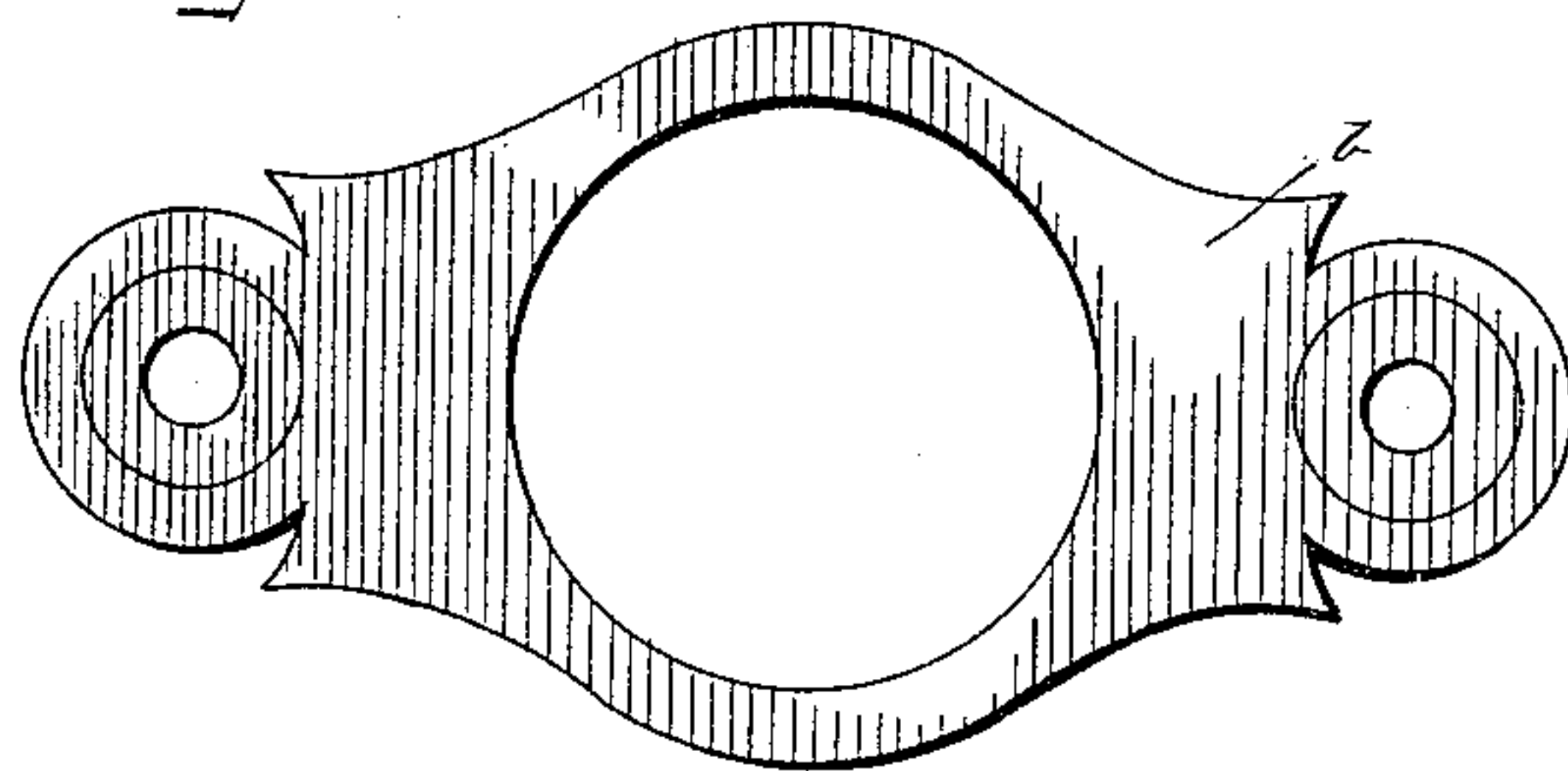
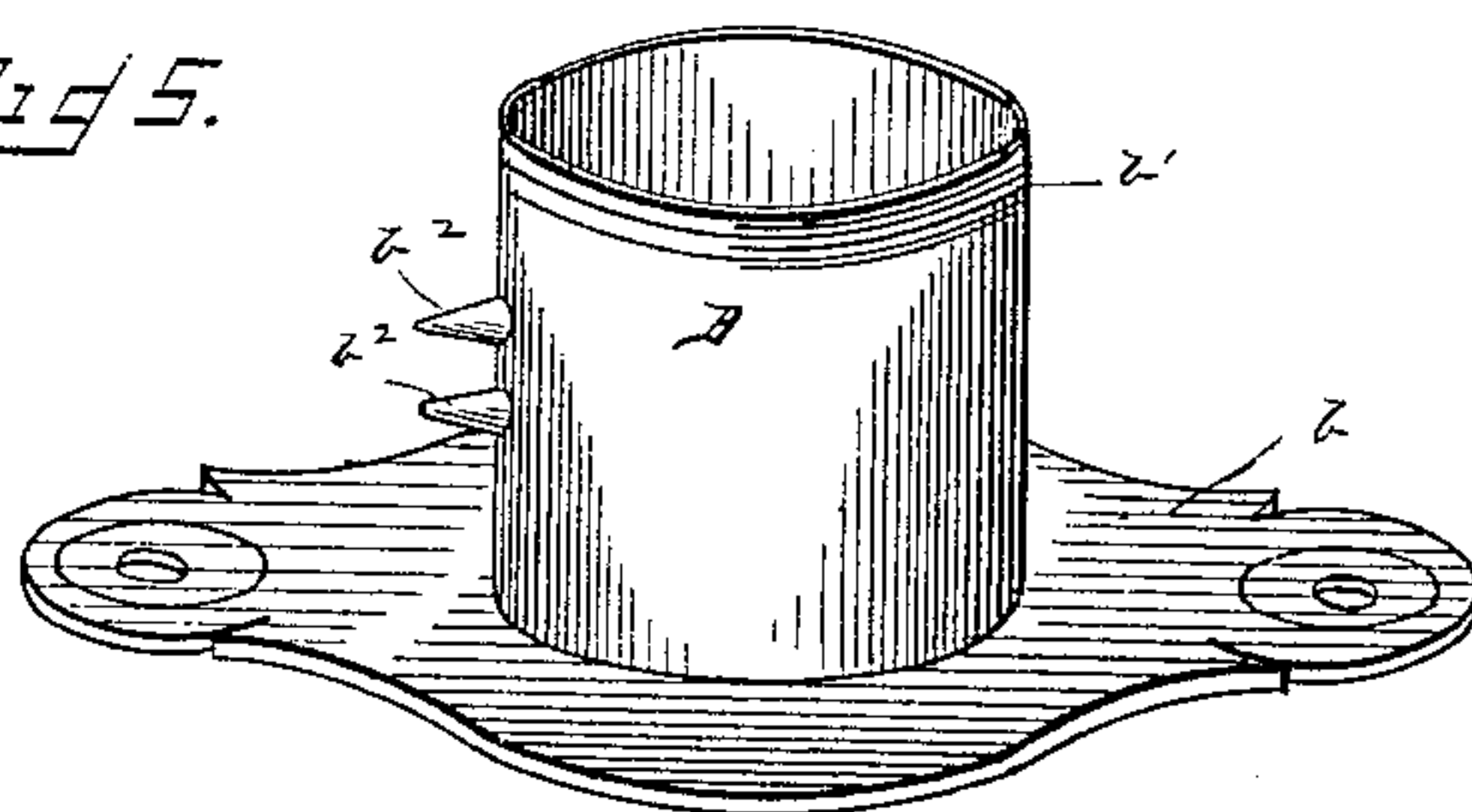


Fig 5.



WITNESSES

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UNITED STATES PATENT OFFICE.

JOHN D. MARTIN, OF MADISONVILLE, KENTUCKY, ASSIGNOR OF ONE-HALF
TO JOHN E. RUBY AND SIDNEY F. BROWN, OF SAME PLACE.

OILING ATTACHMENT FOR HANDSAWS.

SPECIFICATION forming part of Letters Patent No. 389,399, dated September 11, 1888.

Application filed January 26, 1888. Serial No. 261,987. (No model.)

To all whom it may concern:

Be it known that I, JOHN D. MARTIN, a citizen of the United States, residing at Madisonville, in the county of Hopkins and State of Kentucky, have invented certain new and useful Improvements in Oiling Attachments for Handsaws; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention pertains to certain new and useful improvements in oiling attachments for handsaws, having for its object the provision of simple and highly-efficient means for securing an improved form of can or reservoir within an aperture of the saw and stock or handle, said can having depressible ends and short spouts or tubes projecting on either side of the saw-blade, whereby oil or other lubricant can be supplied to both sides of the saw.

The invention comprises the detail construction, combination, and arrangement of parts, substantially as hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in side elevation of a saw with my invention applied thereto, parts of the saw being broken away. Fig. 2 is an enlarged cross-sectional view on the line *xx*, Fig. 1; and Figs. 3, 4, and 5 are detail perspective views.

Referring to the drawings, A indicates a handsaw constructed after the ordinary form; or the same may be of any preferred construction, the invention not being limited in its application. An aperture or opening is formed in the rear widened end of the saw-blade *a* and in the cheeks of the handle or stock *a'*.

B is an oil can or reservoir, rigidly secured at one end to the securing-plate *b*, and its other end is provided on its outer surface with a screw-thread, *b'*, whereon is designed to be screwed a tight-fitting cap, C, after the can or reservoir has been filled or supplied with oil or other lubricant. This can or reservoir is provided with two short slightly-curved tubes, *b² b²*, which extend one on either side of the

saw-blade, said tubes being projected through correspondingly-shaped recesses in the opposed portions of the cheeks of the saw handle or stock.

In practice the can or reservoir, after being inserted through the hole or aperture of the saw, is secured at one end by the securing-plate *b*, through the ends of which screws are inserted into the handle or stock. After being thus inserted in position, the other end of said can or reservoir is likewise secured or held by means of a similar securing-plate, *b'*, forced down over the end of said can or reservoir and likewise screwed to the handle or stock.

The cap C is preferably made of brass or tin or other suitable metal, and is provided with a raised rim having an ordinary milled edge. The top of this cap, as well as the bottom or opposite end of the can or reservoir, is capable of a spring-like movement, so that they can be depressed inwardly to eject the oil.

In practice, after the can or reservoir is once secured in position, to supply the same with oil or other lubricant it is only necessary to remove the cap thereof, which is replaced after a sufficient quantity of oil or lubricant has been placed in said can or reservoir. By depressing with the fingers the cap and the end of the can or reservoir, the oil or lubricant therein contained will be ejected through the slightly-curved tubes *b²* out onto either side of the saw-blade, thereby oiling the saw, so as to greatly facilitate the sawing operation.

From the foregoing description it will be seen that I have produced a device extremely simple in construction, and that by means thereof oil or other lubricant can be always kept conveniently at hand and supplied to both sides of the saw by the operator simply depressing the ends of the can or reservoir.

I claim as my invention—

1. As an improvement in saws, the saw having the oil can or reservoir secured in the handle end thereof, said can or receptacle having opening onto the sides of said saw, substantially as shown and described.

2. As an improvement in oiling attachments for saws, the oil can or reservoir located in an aperture of the saw and its handle, and having depressible ends, and provided with openings

onto the sides of said saw, substantially as shown and described.

3. The combination, with the saw and its handle, of the oil can or reservoir secured in
5 an aperture in said handle and saw, and having curved tubes opening on either side of the saw-blade, substantially as shown and described.

4. The combination, with the saw and its
10 handle, of the can or reservoir, the securing-

plates, the curved tubes projecting from said can or reservoir, and the cap, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN D. MARTIN.

Witnesses:

JOHN E. RUBY,
SIDNEY F. BROWN.