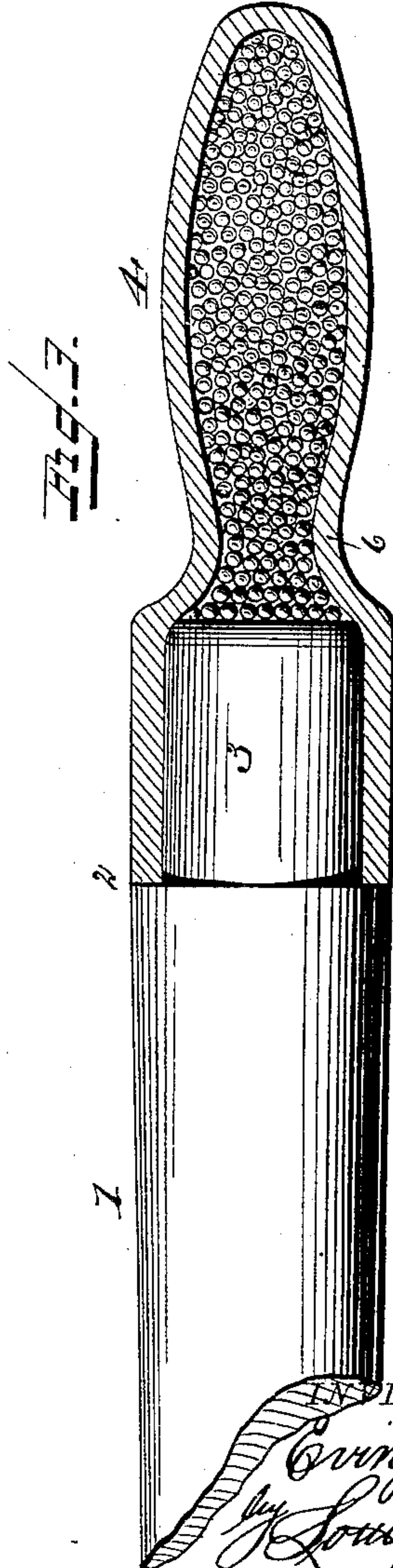
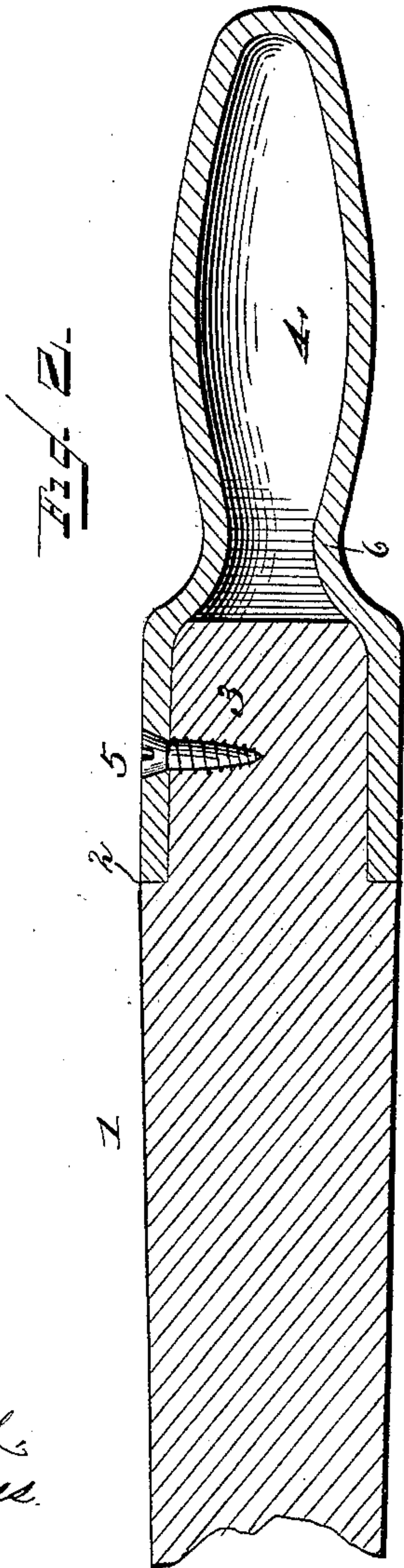
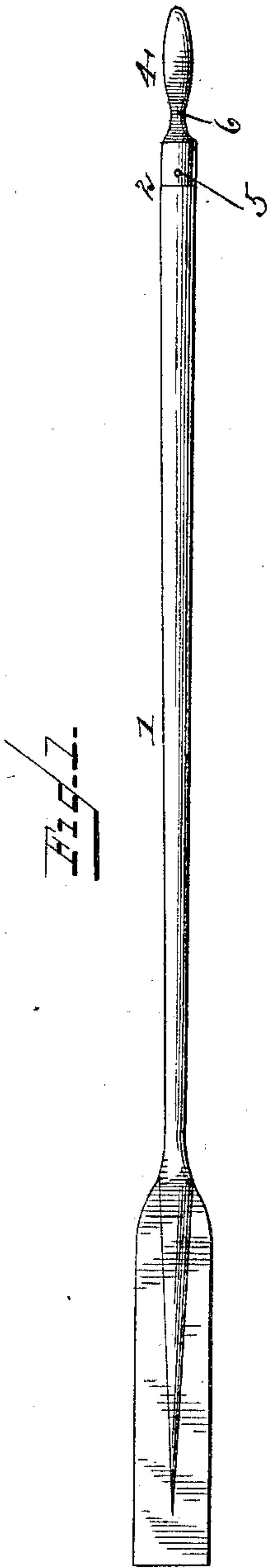


(No Model.)

E. W. CASE.
BALANCED OAR HANDLE.

No. 359,130.

Patented Mar. 8, 1887.



WITNESSES
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UNITED STATES PATENT OFFICE.

EVINGTON W. CASE, OF FENTON, MICHIGAN.

BALANCED OAR-HANDLE.

SPECIFICATION forming part of Letters Patent No. 359,130, dated March 8, 1887.

Application filed October 30, 1886. Serial No. 217,551. (No model.)

To all whom it may concern:

Be it known that I, EVINGTON W. CASE, a citizen of the United States, and a resident of Fenton, in the county of Genesee and State of Michigan, have invented certain new and useful Improvements in Balanced Oar-Handles; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a view of an oar provided with my improved handle. Fig. 2 is a longitudinal sectional view of the same, and Fig. 3 is a similar view showing the hollow handle filled to increase its weight.

Similar numerals of reference indicate corresponding parts in all the figures.

My invention has relation to that class of devices for balancing the weight of an oar in the oar-lock, in which the counter-balance may be increased or decreased, according to the weight of the portion of the oar outside of the oar-lock; and it consists in the improved construction and combination of parts of such a device forming a handle for the oar, as hereinafter more fully described and claimed.

In the accompanying drawings, the numeral 1 indicates the oar, the handle end of which is reduced and shouldered, as shown at 2, for the purpose of receiving the socket 3, formed at the inner end of the hollow handle 4. This handle is made of metal, preferably cast, and of an elongated egg shape, one end of which is open and expanded to form a socket for the reception of the oar, which is secured therein by means of a screw or bolt, 5. A neck, 6, is formed between the body of the handle and the socket, which assists in retaining the contents of the handle in place.

It will now be seen that the weight of the metallic handle will counterbalance the weight of the portion of the oar outside the oar-lock, relieving the arms of the weight of the oars in recovering, and the metallic handle will

form a smooth and hard handle, which will have a less tendency to blister the hands than the usual wooden handle of an oar. The socket fitting upon the tenon or reduced portion of the oar will prevent the oar from splitting, and a shorter oar may be used when this handle is employed than when no handle is employed, inasmuch as the oar adds the length of the handle to the length of the oar, making a saving in the cost of oars for a boat, inasmuch as oars are usually priced according to their length. When the weight of the handle is not sufficient to counterbalance the weight of the outer portion of the oar, as will happen with comparatively long oars, the weight of the handle may be increased by filling the handle with shot or other suitable heavy material, the hollow within the handle serving as a receptacle for this additional weight, and the contents of the handle may be kept within the same without any danger of their escaping by the tenoned end of the oar fitting in the socket.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. A hollow metallic oar-handle the outer end of which is of an elongated egg shape and adapted to contain either shot or other heavy material, and the inner end is formed into a socket and adapted to receive the end of the oar.

2. The combination of an oar having a reduced and shouldered end, a hollow metallic handle having a socket at its inner end communicating with the hollow interior of the handle and fitting upon the reduced end of the oar, secured upon the same by bolts, and a filling of shot or similar heavy material, as and for the purpose shown and set forth.

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

EVINGTON W. CASE.

Witnesses:

A. W. DAVIS,
O. W. O'DELL.