

No. 740,964.

PATENTED OCT. 6, 1903.

K. WINTSCH, JR.  
BUTCHER'S BLADE BONE EXTRACTOR.

APPLICATION FILED NOV. 13, 1902.

NO MODEL.



Fig. 1.

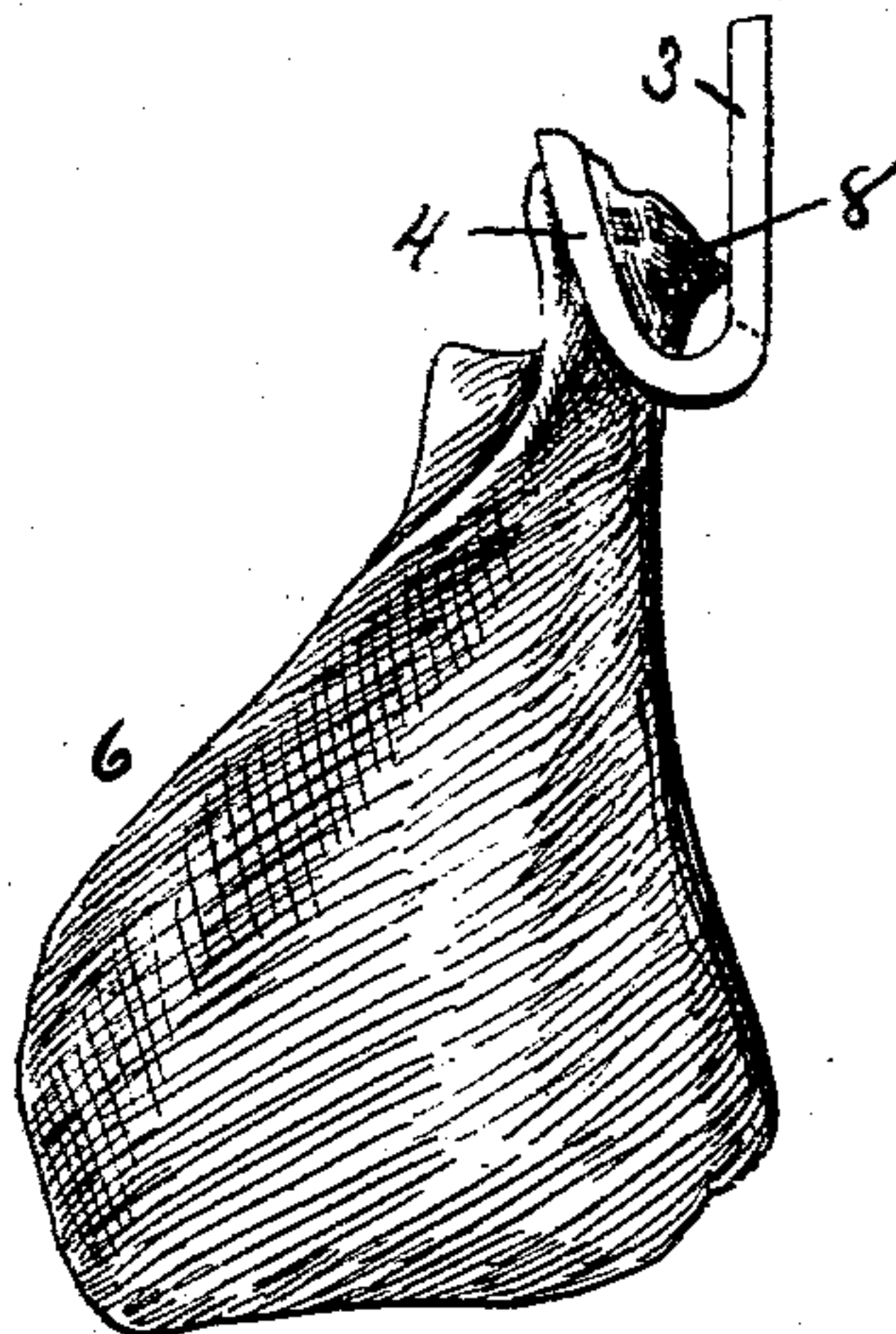


Fig. 2.

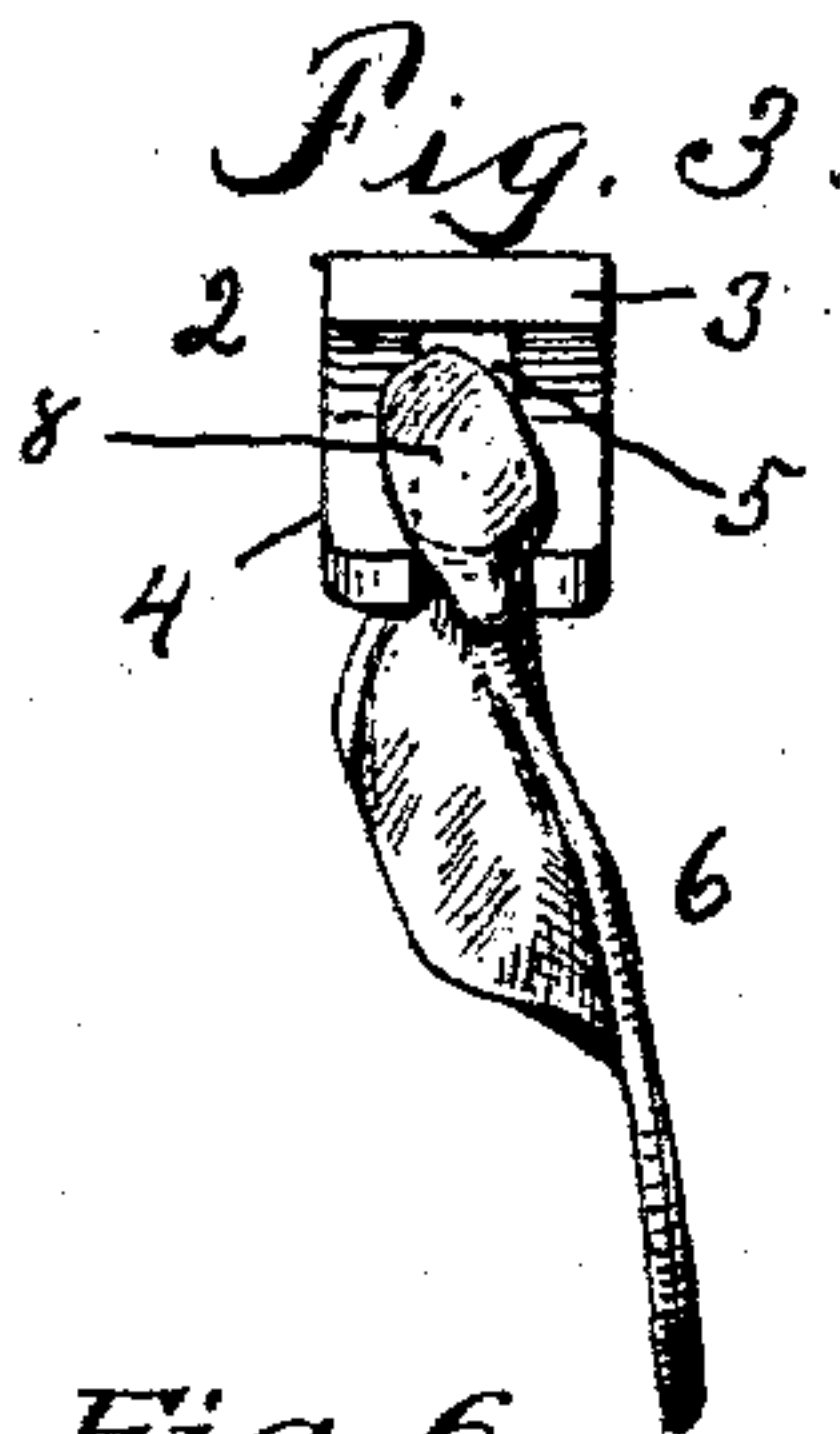


Fig. 3.

Fig. 4.

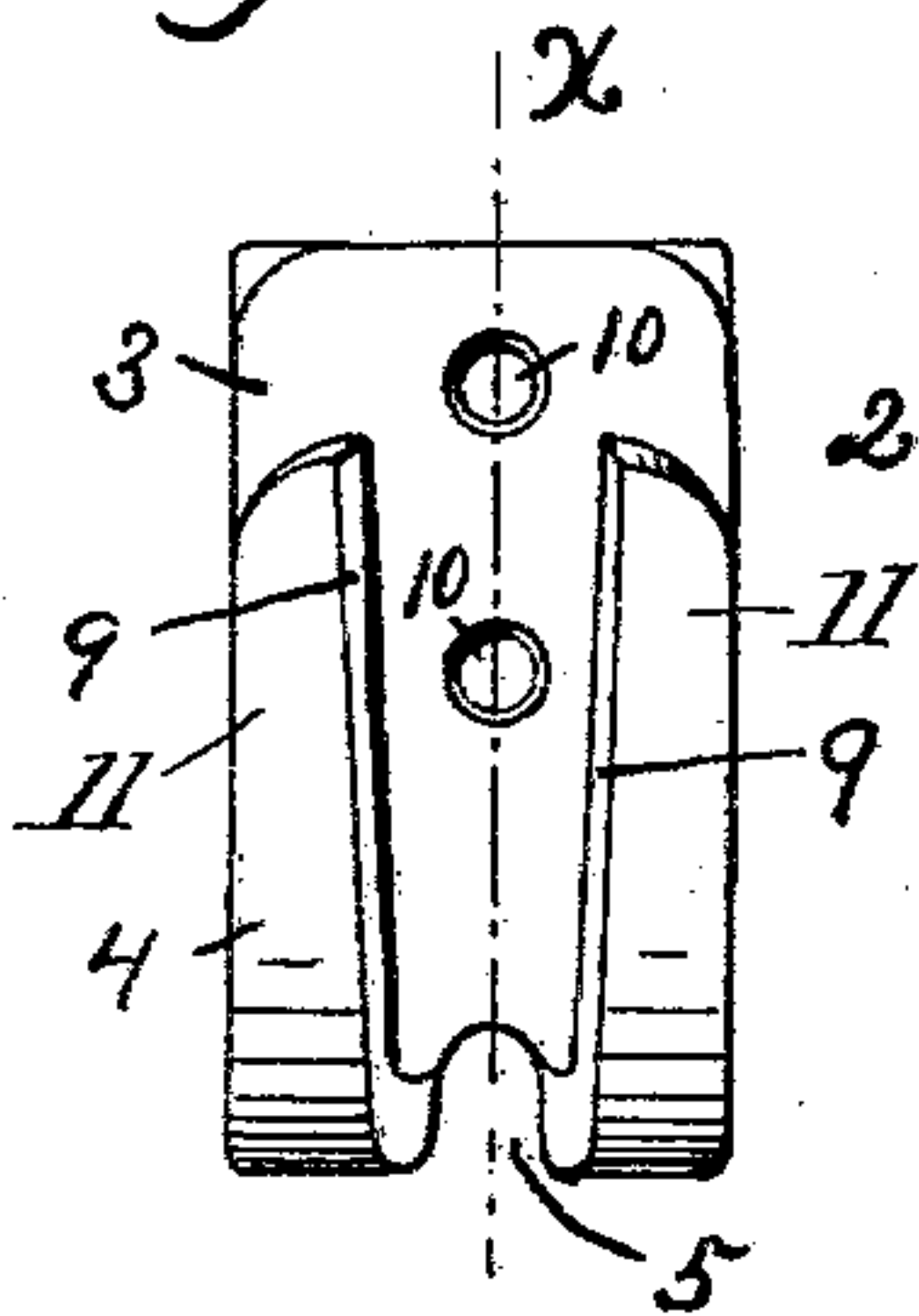


Fig. 6.

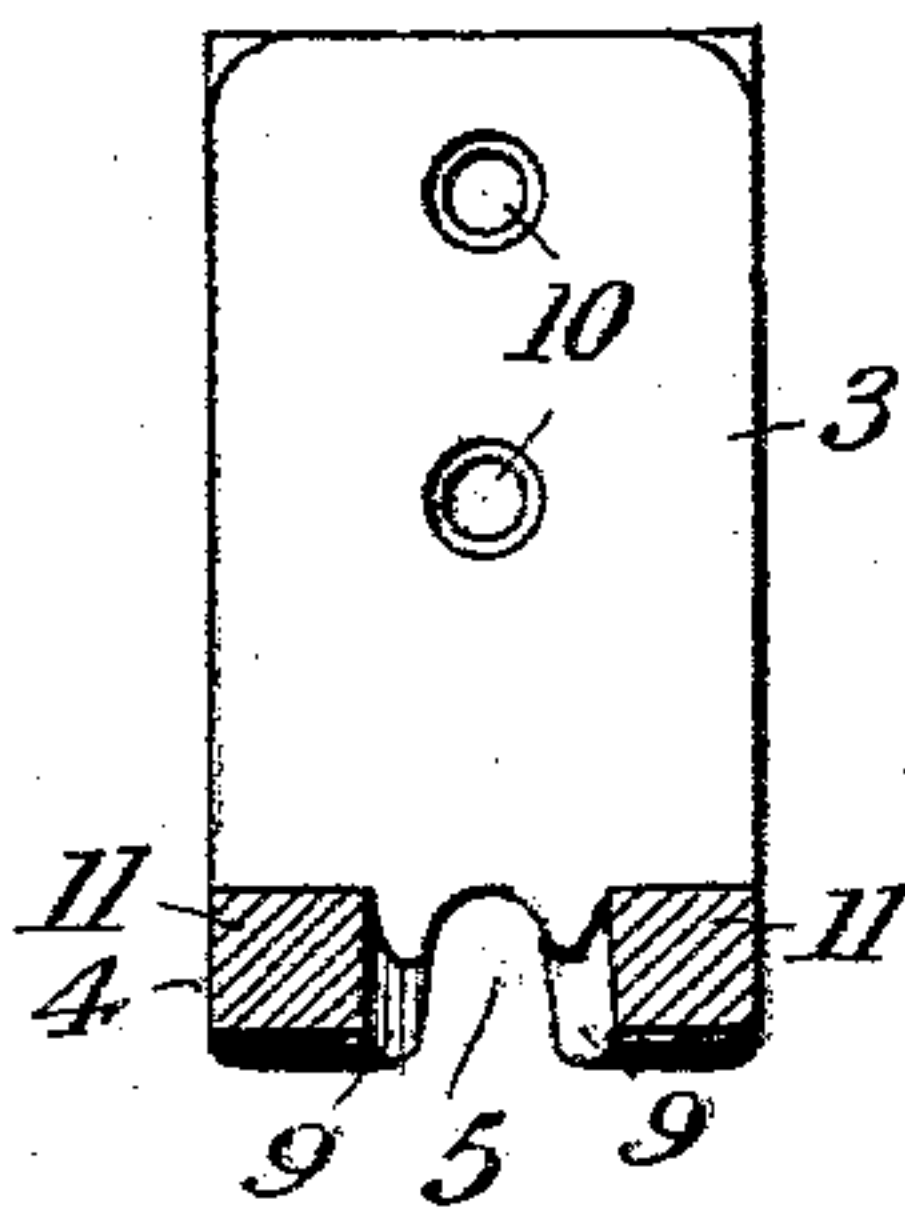
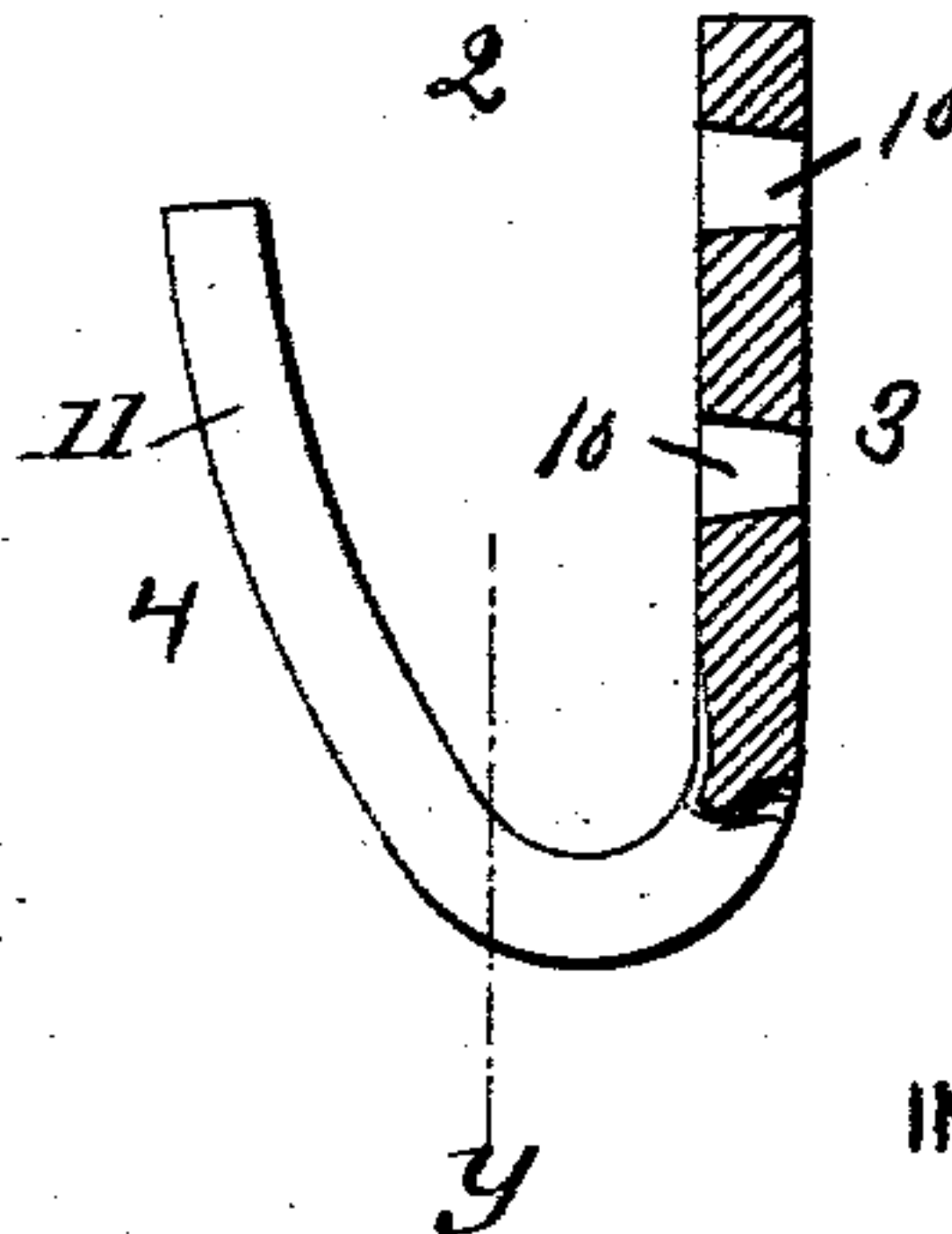


Fig. 5.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

KARL WINTSCH, JR., OF NEWARK, NEW JERSEY.

## BUTCHER'S BLADE-BONE EXTRACTOR.

SPECIFICATION forming part of Letters Patent No. 740,964, dated October 6, 1903.

Application filed November 13, 1902. Serial No. 131,077. (No model.)

*To all whom it may concern:*

Be it known that I, KARL WINTSCH, Jr., a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented and produced a new and original Improvement in Butchers' Blade-Bone Extractors; and I do hereby 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 figures of reference marked thereon, which form a part of this specification.

It will be understood that butchers and dealers in meats are often required in preparing a shoulder of lamb, veal, or the like for household purposes to pull out the blade-bone thereof in order to form a pocket which can be stuffed by the cook with suitable condiments.

The objects of this invention are to provide a hook especially adapted for drawing out or extracting the blade-bone from a piece of meat, as thus described; to provide a device of simple and cheap construction and one which will be effective in its work and not easily gotten out of order, and to obtain other advantages and results, some of which may be referred to hereinafter in connection with the description of the working parts.

The invention consists in the improved butcher's blade-bone extractor and in the arrangements and combinations of parts of the same, all substantially as will be hereinafter set forth and finally embraced in the claim.

Referring to the accompanying drawings, in which like figures of reference indicate corresponding parts in each of the several figures, Figure 1 is a front view of my improved hook or extractor with a blade-bone therein. Fig. 2 is a side view of the same, and Fig. 3 is a plan. Fig. 4 is a front elevation of the hook alone; and Fig. 5 is a vertical section of the same on line *x*, Fig. 4. Fig. 6 is a cross-section of the inclined fingers of the hook, as on line *y*, Fig. 5.

In said drawings, 2 indicates my improved hook, which is preferably bent out of a piece of heavy sheet metal and has a flat body portion 3, adapted to be fastened flatwise against a butcher's rail or any other suitable support. At the lower end of said body part an

integral clutching portion curves forwardly outward and is turned upward and provides an inclined portion 4, diverging from the said body part 3. Said inclined portion 4 is centrally slotted, as at 5, from its upper end downward and entirely through its curved portion to the base of the plate portion 3, thus forming fingers 11. Said slot 5 is widest at the top and narrows toward the bottom, being of suitable width to wedgingly receive the neck of a blade-bone 6 at some point between its two ends. The walls of the said slot, furthermore, are beveled forwardly outward or apart, as at 9, so that a slight lateral movement of the blade-bone may be permitted without danger of dislodging its head 8 from the hook. A clutching portion 4 is thus formed, which provides a pair of fingers 11, having an outwardly-flaring interval between and their facing surfaces beveled downwardly and outwardly apart.

The body-plate 3 is preferably provided for its attachment to the butcher's rail or other support with screw-holes 10, disposed in a central vertical line coincident in front view with the central line of the slot 5, as shown in Fig. 4, whereby access of a screw-driver is permitted to the screws in setting up the device.

When mounted, with the body-plate 3 in vertical position, my improved extractor provides a forwardly upwardly inclined wedge-shaped opening to receive the head of the blade-bone 6, it being understood that said blade-bone is embedded in a shoulder of meat, with the exception of its head, and it is desired to catch said head by some gripping means, so that the butcher by pulling on the piece of meat may free it from the bone. It will be noted that the inclined clutching portion 4 terminates at its upper end below the upper end of the body-plate 3, and thus as the bone-head 8 is inserted into the upper large end of the slot 5 it may engage the said body-plate behind and be guided downward with greater facility.

While I prefer to make my improved extractor in the exact form shown, it is evident that the base-plate or supporting means for the two diverging arms might be varied in construction without departing from the spirit and scope of the invention.



Having thus described the invention, what I claim as new is—

5 A blade-bone extractor comprising a single integral piece of metal having a flat body portion adapted to be secured to a support, and a clutching portion curved forwardly outward from the lower end of said body portion and extending upward at an inclination thereto, said clutching portion being formed as a  
10 pair of fingers with an outwardly-flaring in-

terval and having their facing surfaces flared downwardly and outwardly.

In testimony that I claim the foregoing I have hereunto set my hand this 10th day of November, 1902.

KARL WINTSCH, JR.

Witnesses:

C. B. PITNEY,  
RUSSELL M. EVERETT.