

No. 708,609.

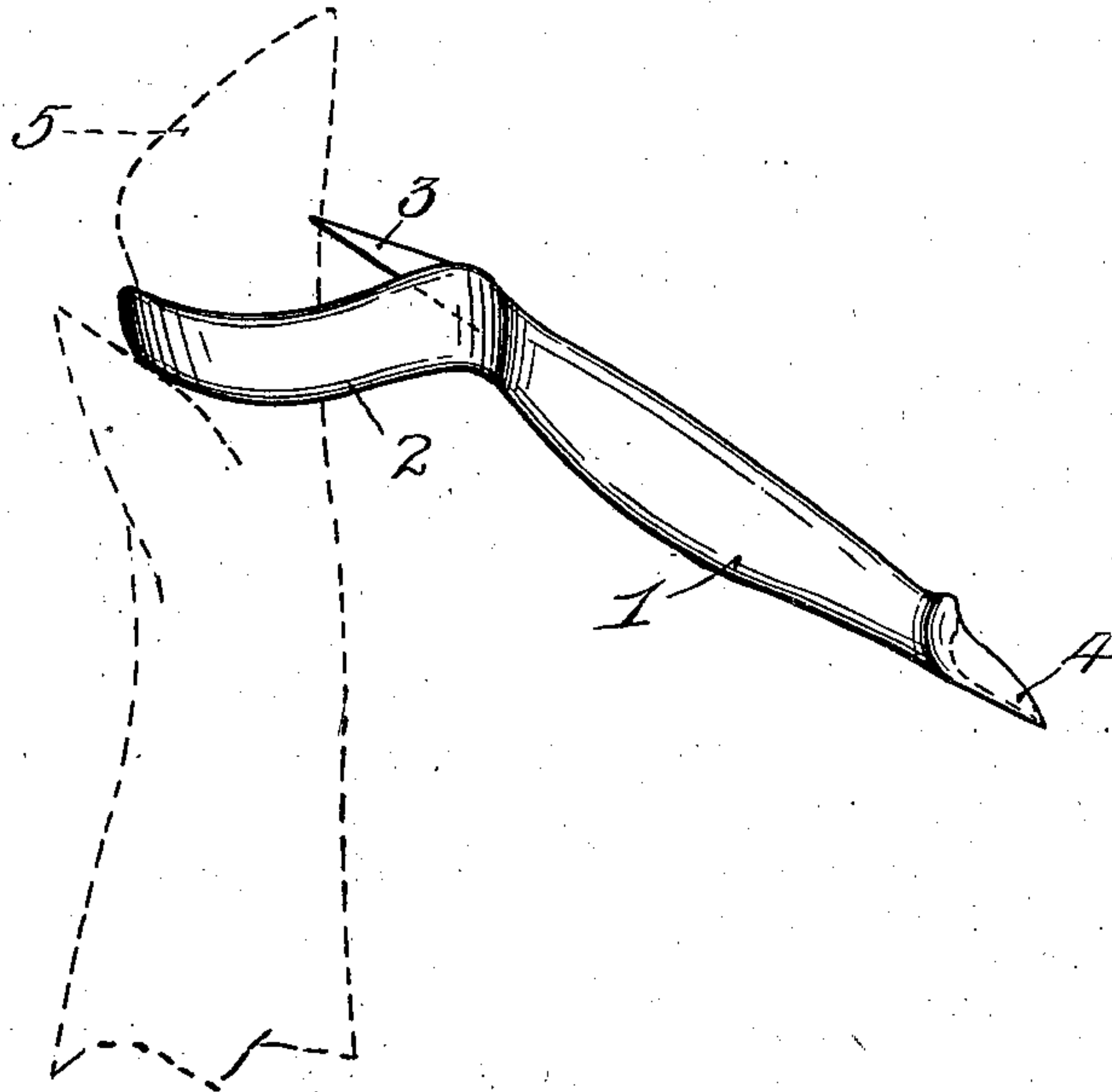
Patented Sept. 9, 1902.

W. A. H. ZANDER.  
COMBINED GRAB AND SCRAPER.

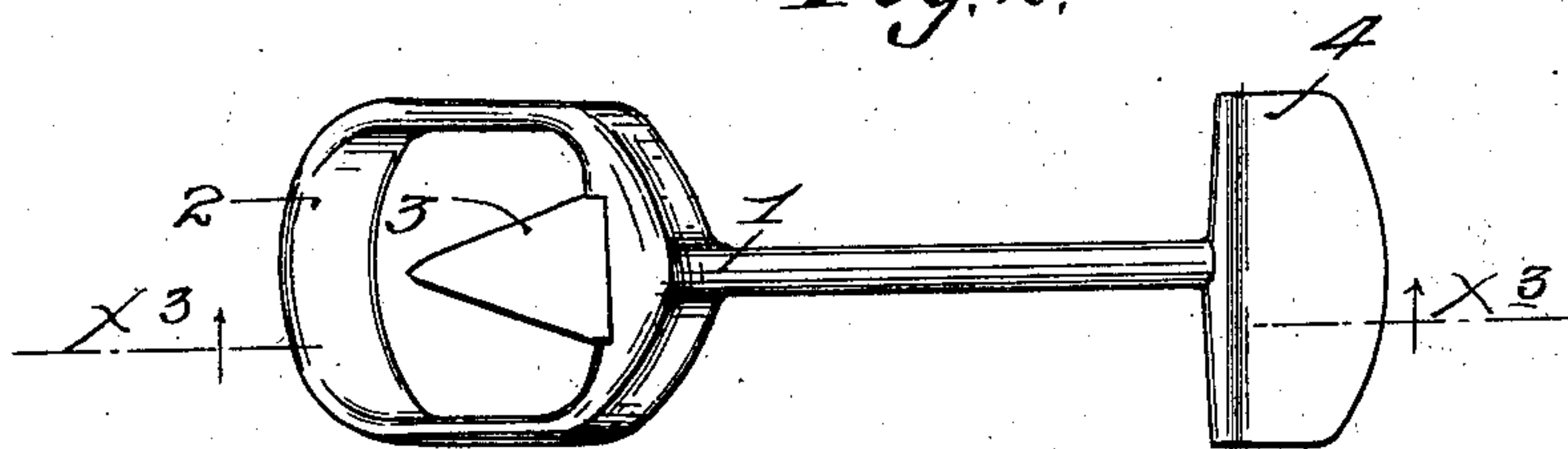
(Application filed Feb. 28, 1902.)

(No Model.)

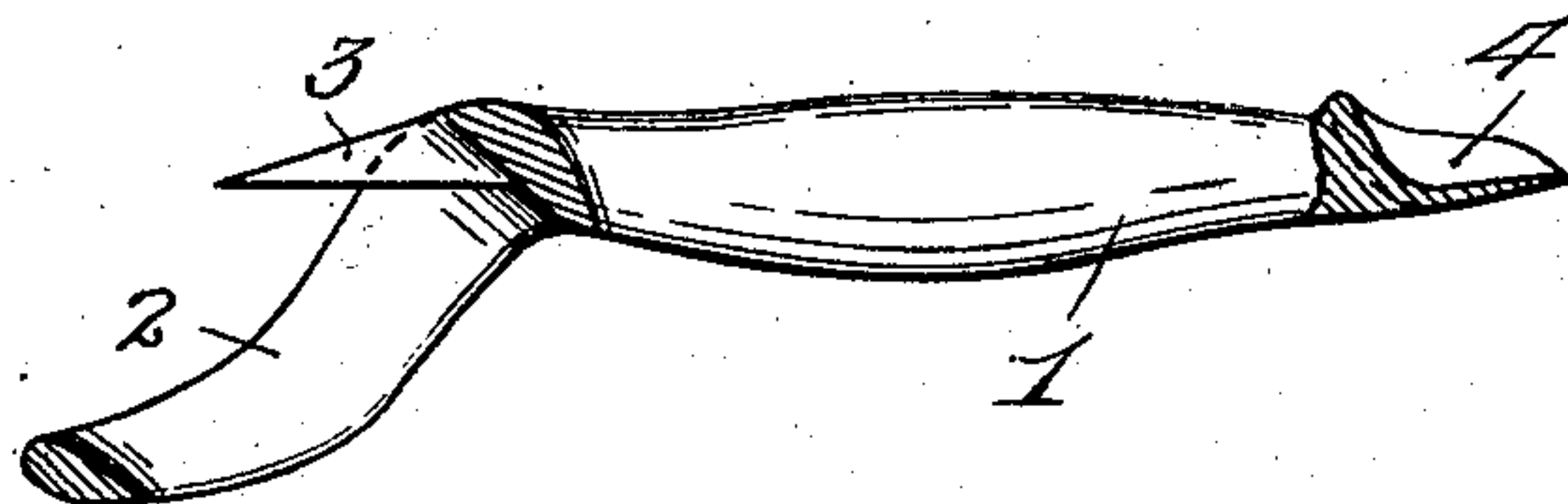
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



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# UNITED STATES PATENT OFFICE.

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## COMBINED GRAB AND SCRAPER.

SPECIFICATION forming part of Letters Patent No. 708,609, dated September 9, 1902.

Application filed February 28, 1902. Serial No. 96,116. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM A. H. ZANDER, a citizen of the United States, residing at Hopkins, in the county of Hennepin and State of Minnesota, have invented certain new and useful Improvements in a Combined Grab and Scraper; 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.

My invention has for its especial object to provide a combined grab and scraper for use in scalding and cleaning hogs. The tool may, however, be also used for other purposes.

To the end above stated my invention consists of the novel device hereinafter described, and defined in the claims.

The invention is illustrated in the accompanying drawings, therein like notation referring to like parts throughout the several views.

In said drawings, Figure 1 is a view in side elevation showing the device in use as a grab for handling hogs. Fig. 2 is a plan view of the device detached, and Fig. 3 is a longitudinal vertical section on the line  $x^3 x^3$  of Fig. 2.

A suitable handpiece or handle 1 is provided at one end with a yoke 2 and a brad 3 and has at its opposite end a scraper 4. The yoke 2 and the brad 3 are set at an acute angle to each other, whereby the said parts may be made to react against opposite sides of the hog's foot or other thing embraced by the yoke under the manipulation or leverage action securable from the handle 1. For example, the device may be applied as shown in Fig. 1 when in use for handling hogs. In that use the yoke is slipped over the foot of the hog, and the brad will then be in position to engage with the front part of the hoof of

the foot, while the yoke reacts against the back of the foot. Hence a clamping action is procurable under the coöperation of said parts by properly manipulating the device in a way which is obvious from an inspection of Fig. 1. This is a great convenience when in use as a device for handling hogs when scalding the same. It is readily slipped over the foot of the animal and affords a strong firm hold, thereby enabling the operator to submerge the entire animal under the water without injury to his hands. After the animal has been scalded and drawn out onto the cleaning-table the operator has only to reverse the device and employ the blade 4 as a scraper for removing the hair from the hide of the hog.

The device should of course be made of metal. It will be understood that this device may also be serviceable for other uses, especially as a grab.

What I claim, and desire to secure by Letters Patent of the United States, is as follows:

1. A grab, for use in scalding hogs or for other purposes, comprising a handle provided at one end with a yoke and a brad set at an acute angle to each other, substantially as and for the purposes set forth.

2. A combined grab and scraper, comprising a handle having at one end a yoke and a brad, set at an acute angle to each other, for adapting the device to be used as a grab, and provided at its opposite ends with a scraper, substantially as and for the purposes set forth.

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

WILLIAM A. H. ZANDER.

Witnesses:

ELIZABETH KELIHER,  
F. D. MERCHANT.