

SQUARE GRAB HOOK

This hook, with a ring and chain like the one shown in Fig. 41, is a very handy article on the farm. The hook is intended for a chain having links made of $\frac{3}{8}$ -inch iron. The width of the opening in a hook of this type ($\frac{7}{16}$ inch on this one) is always determined by the thickness of the chain it is to be used with.

How to Make the Grab Hook

1. Upset one end of the piece of stock. This is done in much the same manner as squaring an end. The end of the piece is heated to a bright red (not until it sparks). It is then hammered, Fig. 12, until the end enlarges to about $\frac{3}{4}$ inch or more in thickness and for about 1 inch in length.

2. Flatten and shape the end for the eye. See the drawing, Plate 8.

3. Punch the hole. See "How to Punch Holes" under Gate Hinge.

4. Draw a square point 2 inches long. See the Square Point Staple.

5. Mark the place for bending.

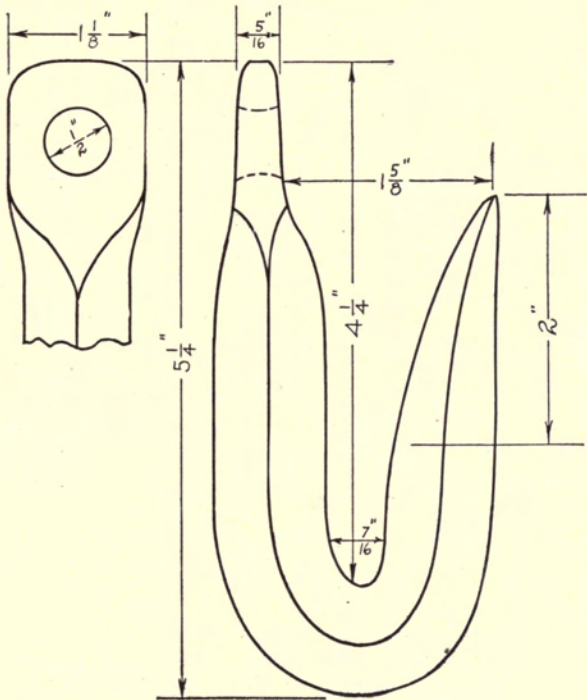
6. To bend, heat to a bright red, place in vise at mark, and hammer over with a wood mallet to the shape shown on Plate 8 and Fig. 25.

Note.—Be sure to bend the hook at an angle in the vise, so that the two sharp corners, not two flat sides, will be opposite each other.



FIG. 25. SQUARE GRAB HOOK.

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Stock
 $\frac{5}{8}$ " \times $\frac{5}{8}$ " \times 8"

UNIVERSITY OF CALIFORNIA

FARM BLACKSMITHING

A TEXTBOOK AND
PROBLEM BOOK FOR STUDENTS IN AGRICULTURAL
SCHOOLS AND COLLEGES, TECHNICAL
SCHOOLS. AND FOR FARMERS

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