

## SQUARE POINT STAPLE

1. Square both ends.
2. "Draw" both ends to square points, drawing the extreme points first and working back to the required length.
3. Bend at the center over the horn of the anvil.
4. Check up on your dimensions with the drawing and blacken. Fig. 15 shows the completed staple.

*Notes.*—As small iron heats quicker than large be careful not to "burn" the points while the upper part of the staple is being heated.

Do not hammer very much on the curve of the staple or it will be flattened and become smaller than the other parts

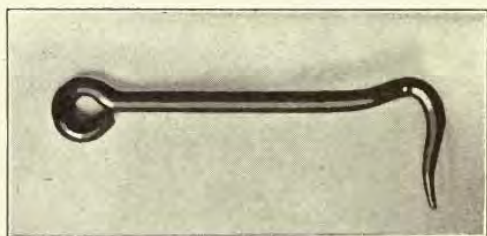


FIG. 16. GATE HOOK.

## GATE HOOK

This gate hook, Plate 3, is designed to be used with either of the staples shown on Plate 2.

## How to Make the Gate Hook

1. Square ends and mark dimensions with center punch or chisel.
2. Draw a square point (as on the square point staple)  $1\frac{1}{4}$  inches long working from the end of the stock backward. Hold with bolt tongs.
3. Round the point.
4. Bend the eye. Heat and clamp in the vise and hammer over the stock in the same manner as is shown for the hook in Fig. 17. Then bend over the horn of the anvil until the eye is shaped, as in Fig. 18.

5. Bend the hook, first bending as in Fig. 17. Then bend over the horn of the anvil as for the eye. Bend the point out slightly as in Fig. 16, and blacken. The gate hook completed should look like the drawing, Plate 3, and Fig. 18.



FIG. 17. BENDING HOOK IN THE VISE.

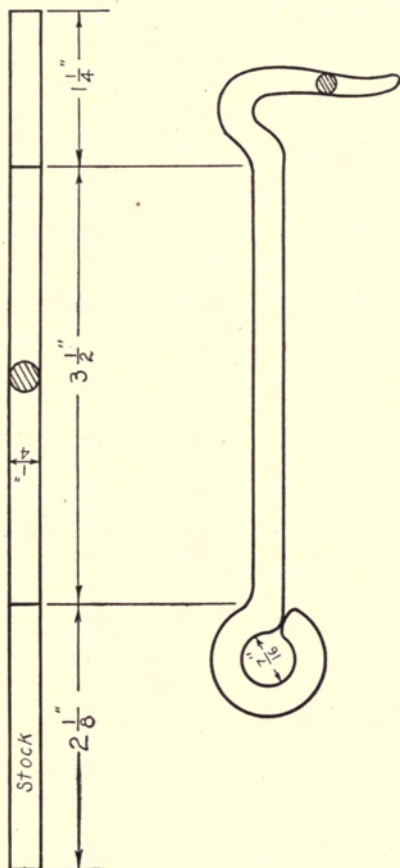


FIG. 18. BENDING THE POINT.

*Notes.*—By this time you should have formed the habit of always squaring the ends of a piece of stock. This step will not be mentioned in the directions for making future articles, in this book.

The center of the eye should be in line with the center of the long body of the hook.

GATE HOOK



UNIVERSITY OF CALIFORNIA

# FARM BLACKSMITHING

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

BY  
JOHN F. FRIESE

Head of the Machine Shop and Forging Departments,  
Technical High School, St. Cloud, Minn.

*Author of "Blueprinting"*



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