

## FOOT REST BRACE

The foot rest brace is used on the front of a wagon box to support the foot board.

**How to Make the Foot Rest Brace**

1. Locate, center-punch and drill the two  $\frac{1}{4}$ -inch holes for the foot board, and the three  $\frac{1}{4}$ -inch holes used for attaching the brace to the wagon box.

2. Heat and bend the long piece as shown in Plate 14.

3. Drill the two  $\frac{1}{4}$ -inch holes,  $\frac{1}{2}$  inch from each end of the 13-inch piece.

4. Bend this piece as shown in the drawing, until it fits the shape of the back and top parts.

5. Now locate the two holes on the back and top used for riveting the brace.

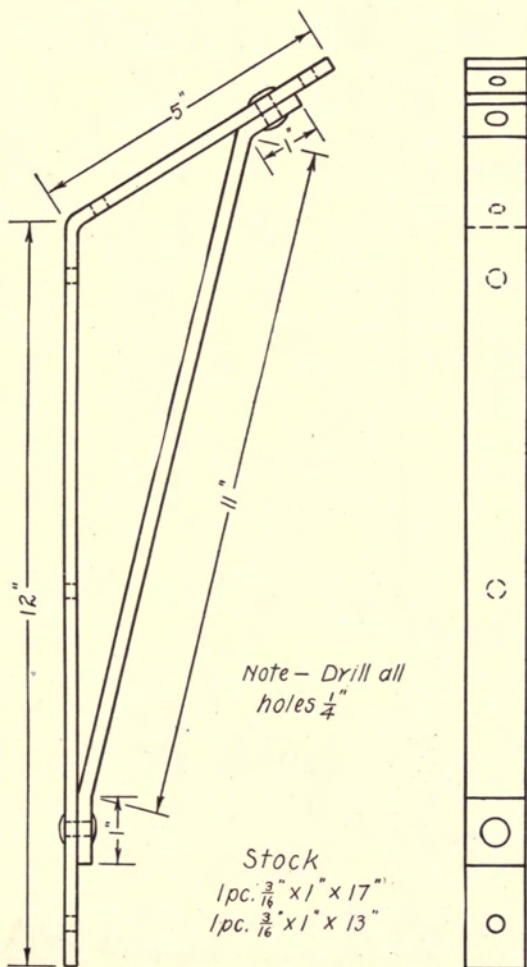
6. Rivet together with a  $\frac{1}{2}$ -inch rivet of  $\frac{1}{4}$ -inch diameter. In Fig. 31 is shown a completed foot rest brace.

*Note.*—Braces of many kinds are needed about the farm for one thing or another. This method of making one out of flat iron can be applied to many other braces of different shapes.



FIG. 31. FOOT REST BRACE.

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# FARM BLACKSMITHING

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

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