

(No Model.)

J. C. HERMAN.
BLANK FOR WAGON BOX STAPLES.

No. 257,164.

Patented May 2, 1882.

Fig. 1.

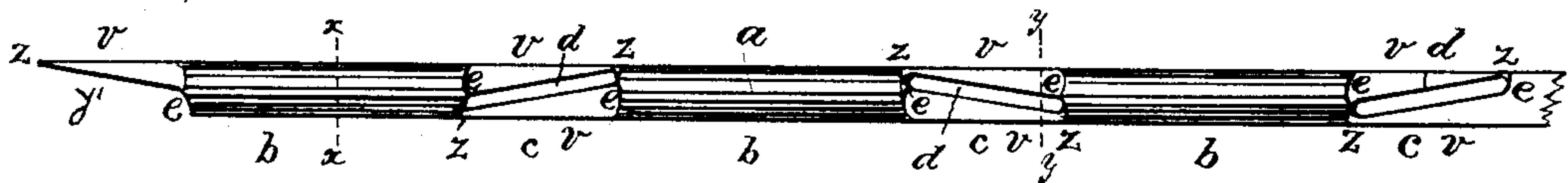


Fig. 2.



Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN C. HERMAN, OF ST. LOUIS, MISSOURI.

BLANK FOR WAGON-BOX STAPLES.

SPECIFICATION forming part of Letters Patent No. 257,164, dated May 2, 1882.

Application filed February 11, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. HERMAN, a citizen of the United States, residing at St. Louis, State of Missouri, have invented certain new and useful Improvements in the Manufacture of Wagon-Box Staples, of which the following is a specification, reference being had therein to the accompanying drawings, in which—

Figure 1 represents the blank as it is ready for the market. Fig. 2 represents a cross-section on the line $x x$, showing the half-oval portion. Fig. 3 represents a cross-section on the line $y y$, showing the flat portion.

This invention relates to improvements in the manufacture of wagon-box staples which are mainly used on wagons for bows for the covers and sometimes for the side boards.

The object of this invention is to simplify and cheapen their production, and to form a blank from which they can be expeditiously made.

The invention consists in the blank hereinafter set forth.

In the annexed drawings, the letter a represents the blank, which is a strip of metal having alternating half-oval and flat portions $b c$, the latter provided with slots d . These slots extend obliquely and alternate in opposite directions, and have their ends e curved different ways. These oblique slots form the

tapered points v , two being connected with each half-oval b . In forming this blank rollers are made with alternating grooves and recesses corresponding to the half-ovals and flat portions of the strip. The bar metal is passed between the rolls and delivered in the shape shown in the drawings. The oblique slots d are then punched out, leaving the two points, as stated. To form the completed staple from this blank the points are cut at z , and then the flattened staple is turned up into shape.

At y' is shown a point after the staples are separated.

The blanks thus formed may be put on the market and sold to the trade or finished at the foundry. Thus is produced by rolling and perforating a continuous series of wagon-box staples of wrought metal, which are of great strength, very durable, and cheap.

Having described my invention, what I claim is—

A blank for making wagon-box staples, which consists in a strip of metal having alternating half-oval and flat portions, the latter provided with oblique slots, as set forth.

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

JOHN C. HERMAN.

Witnesses:

F. M. ALLEMAND,
T. H. HANSON.