

W. MERCER.
WAGON HOUNDS.

No. 174,835.

Patented March 14, 1876.

Fig. 2

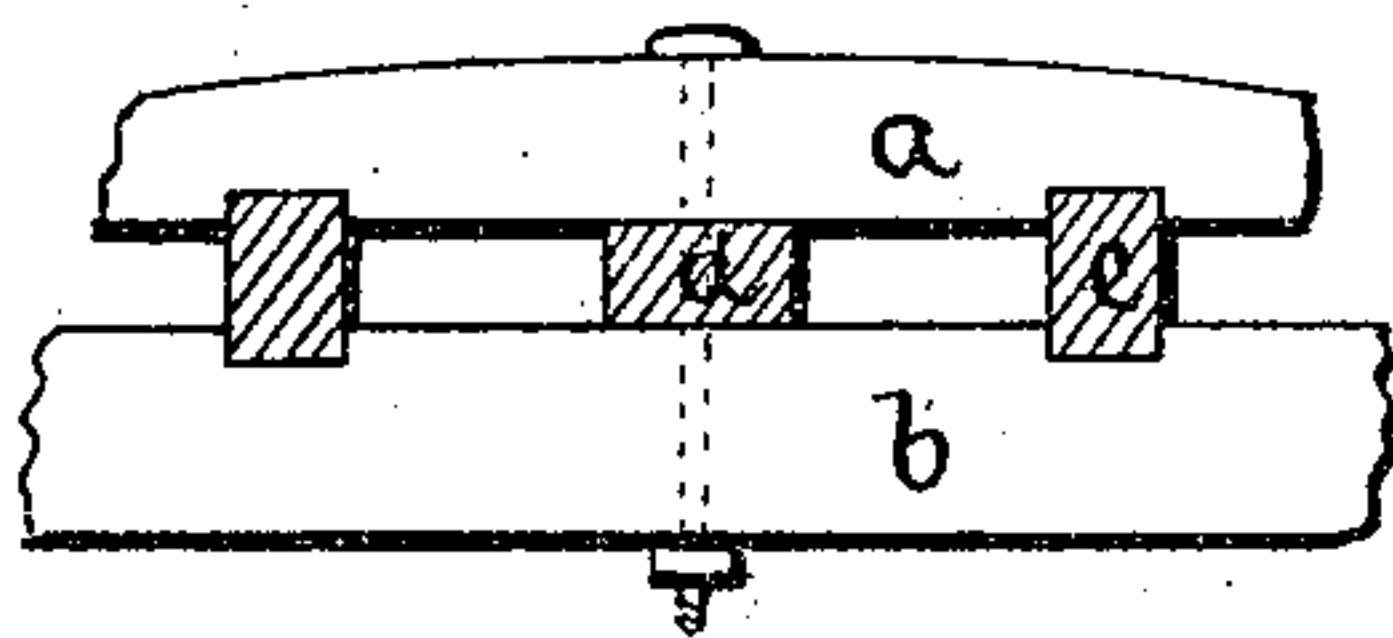
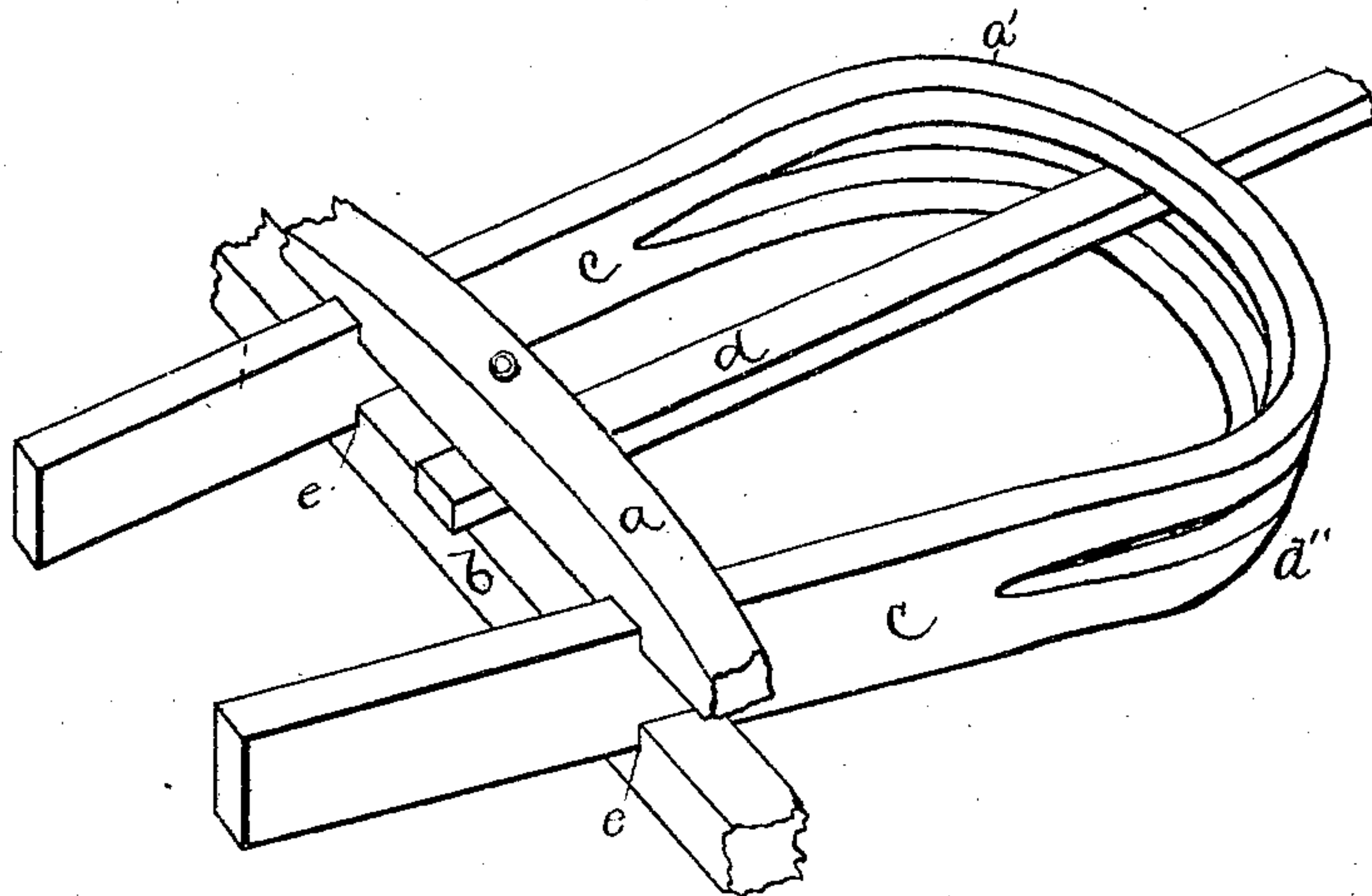


Fig. 1



Witnesses;

James Nicholls

John Stewart

Inventor;

Wm Mercer

UNITED STATES PATENT OFFICE.

WILLIAM MERCER, OF GREENFIELD, PENNSYLVANIA.

IMPROVEMENT IN WAGON-HOUNDS.

Specification forming part of Letters Patent No. **174,835**, dated March 14, 1876; application filed December 8, 1875.

To all whom it may concern :

Be it known that I, WILLIAM MERCER, of Greenfield, in the county of Mercer and State of Pennsylvania, have invented certain new and useful Improvements in Carriage-Hounds, of which the following is a specification:

This invention relates to certain improvements in the construction of the front hounds of carriages and wagons, its object being to prevent the axle from being thrown out of what is technically known as the "set and gather," and keep it always in a horizontal or nearly horizontal position, and, further, to provide for the proper play of the reach between the axle and sand-board without cutting away or hollowing out either of the same, as is customary, thus materially adding to their strength.

The invention consists in constructing the hounds with the upper and lower sliders complete in one piece, the said sliders being formed by cutting or sawing a longitudinal slot in the timber which forms the hound, and afterward bending the hound to proper shape.

In the drawing, Figure 1 represents a perspective view of my invention, and Fig. 2 a front view of the same.

The letter *c* represents the hound, which is composed of a suitably-shaped bar of proper material. Said bar, previously to being bent, is sawed, cut, or otherwise slotted longitudinally, so as to form the upper and lower sliders *a'* *a''*, between which the reach *d* of the wagon passes, the slot being of sufficient length to

allow the said reach to have sufficient play therein. Letter *d* represents the sand-board, and *b* the front axle, of the vehicle, which is provided with recesses or mortises *e e* at opposite ends, which fit over the ends of the hounds, the whole being firmly secured together by means of bolts, screws, or in any other convenient manner, leaving sufficient space between the axle and sand-board to receive the forward end of the reach and allow sufficient play to the same.

The slot in the hound may be cut of sufficient width to allow of the passage of the reach between the sliders, or the wood may be simply divided or split for a sufficient distance by saw cut or otherwise, and the opposite portions or sliders separated sufficiently to admit of the passage of the reach between them by bending them apart in any convenient manner.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

A carriage or wagon hound formed with the sliders complete in one piece, by splitting or slotting the timber longitudinally for a proper distance between its ends; and bending it into proper shape, substantially as described.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

WM. MERCER.

Witnesses:

R. GALLAGER,
JOSEPH SOWERS.