

Charles Weidig's Apparatus for Setting Boxes in Carriage Hubs

No. 122,295.

Patented Dec. 26, 1871.

fig. 1

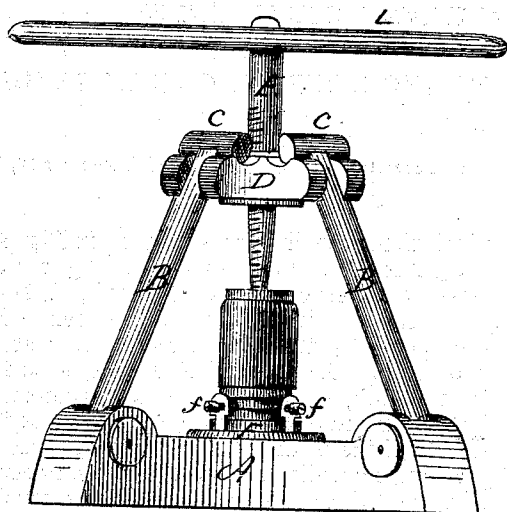


fig. 2

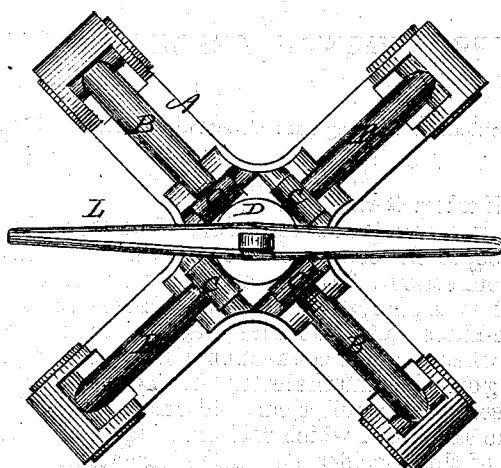


fig. 3

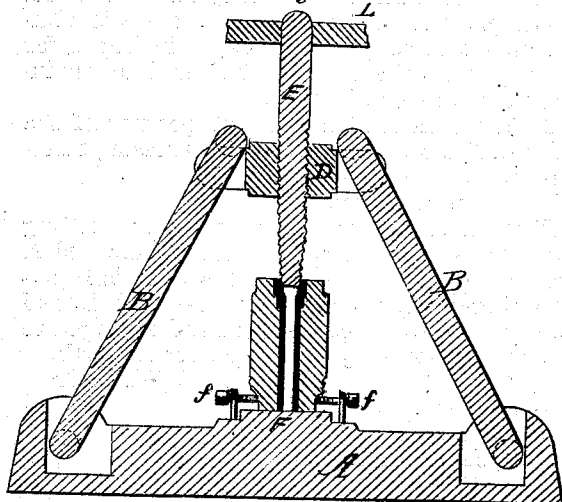


fig. 4

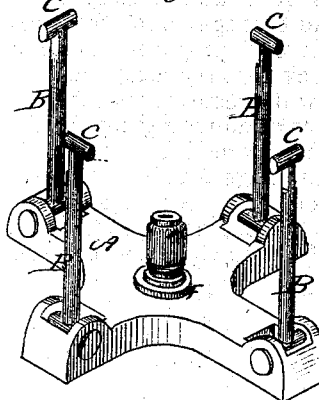
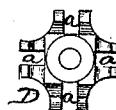


fig. 5



Witnesses
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CHARLES WEIDIG, OF NEW HAVEN, CONNECTICUT.

IMPROVEMENT IN APPARATUS FOR SETTING BOXES IN CARRIAGE-HUBS.

Specification forming part of Letters Patent No. 122,295, dated December 26, 1871; antedated December 12, 1871.

To all whom it may concern:

Be it known that I, CHARLES WEIDIG, of New Haven, in the county of New Haven and State of Connecticut, have invented a new Improvement in Apparatus for Setting Boxes in Carriage-Hubs; and I do hereby declare the following, when taken in connection with the accompanying drawing and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification and represents, in—

Figure 1, a side view; Fig. 2, a top view; Fig. 3, a vertical central section; Fig. 4, a perspective view of the apparatus with the head removed; and in Fig. 5, the head detached.

This invention relates to a device for setting boxes in carriage-hubs—that is, in the press—by means of which the boxes are forced into the hub, the object being to insure a central position of the hub and a vertical pressure upon the box. To this end my invention consists in the arrangement of a head through which the screw passes, combined with swinging arms attached to the base, which lock onto the head and hold it in position, or allow its removal, as the case may be, and with a central adjusting-bed for the hub.

A is the base, formed, by preference, by four arms, as seen in Figs. 2 and 4. To each of these four arms a rod, B, is pivoted, so as to swing toward or from the center, their upper ends constructed in T-shape, C. D is the head through

which the screw E passes, as seen in Fig. 3. The head D is constructed as seen in Fig. 5, with recesses *a* corresponding to the rods B, and into which the rods may be turned, as seen in Figs. 1 and 2, the T-shaped end C resting in seats in the said head. On the bed A a seat, F, is formed for the hub, provided with adjusting-screws *f*. The outer end of the hub is set on the bed A, as seen in Figs. 1 and 3, the screws adjusting its position centrally below the pressing-screw E. Into the hub the box is placed in the usual manner, and the screw turned down thereon by means of the lever L until the box is forced into its proper place in the hub; then the screw is withdrawn, the arms thrown back, as in Fig. 4, for the removal of the head and hub, and for the insertion of a second hub.

By this construction a central position of the hub and of the box relative to the pressing-screw is insured.

I claim as my invention—

The herein-described apparatus for setting boxes in carriage-hubs, consisting of the bed A provided with the seat F, and with rods B pivoted thereto, combined with the head D and screw E, the whole constructed and arranged to operate substantially in the manner set forth.

CHARLES WEIDIG.

Witnesses:

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(31)