

B. S. WESCOTT.
Whiffetrees.

No. 140,327.

Patented June 24, 1873.

Fig. 1.

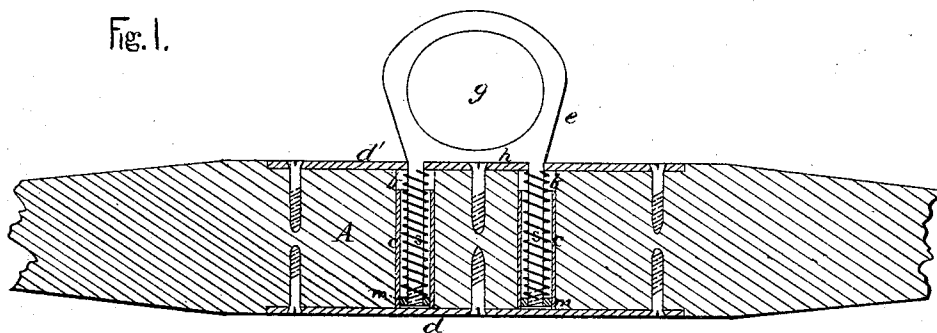


Fig. 2.

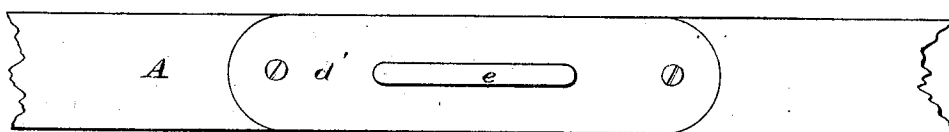
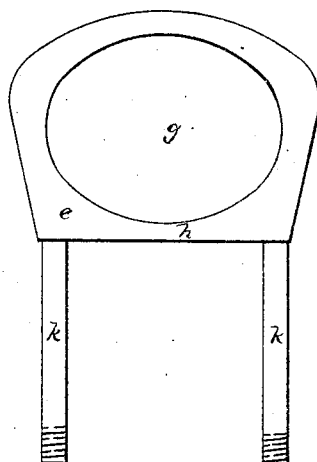


Fig. 3.



WITNESSES.

Chas. B. Steele,
Phillip Morse.

INVENTOR.

B. S. Wescott,
Chipman & Sonner & Co.,
attys.

UNITED STATES PATENT OFFICE.

BAILEY S. WESCOTT, OF CORNING, NEW YORK, ASSIGNOR OF ONE-HALF
HIS RIGHT TO LORAINÉ DODGE, OF SAME PLACE.

IMPROVEMENT IN WHIFFLETREES.

Specification forming part of Letters Patent No. **140,327**, dated June 24, 1873; application filed
April 26, 1873.

To all whom it may concern:

Be it known that I, BAILEY S. WESCOTT, of Corning, in the county of Steuben and State of New York, have invented a new and valuable Improvement in Whiffletrees; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings making a part of this specification and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a vertical section of my whiffletree. Fig. 2 is a top view of the same. Fig. 3 is a detail view.

This invention has relation to whiffletrees, eveners, or single-trees; and it consists in the construction and novel arrangement of the spring-staple, whereby, in the draft over rough roads, or in striking an obstruction, the shock upon the shoulders of the horses is materially lessened. The object of this invention is to provide for the comfort of draft animals in their labor, and thus increase their health and usefulness.

In the accompanying drawings, the letter A designates the wooden shaft of the whiffletree, in which are bored two holes, *b b*. To prevent wear on account of the working of the arms of the staple, these holes are lined by means of the tubes *c c*. Plates *d d'* are fastened to the front and back of the whiffletree, the latter being perforated for the passage of the arms of the staple. The object of

these plates is to secure and steady the staple in its working. The staple *e* consists of an inclosed loop or ring, *g*, having its rear edge *h* squared against the face of the plate *d'* and of the arms *k*, having screw-threads for engagement with nuts *m*, of diameter sufficiently small to be introduced within the tubes *c*. *s* indicates spiral springs, located on the arms *k*.

In assembling the parts the plate *d'* is first placed on the arms *k*, then the springs *s* are slipped on, and finally the nuts *m*, which are screwed up until the staple does not rattle on the plate, and the proper tension is obtained. Then, the plate *d* having been secured to the back of the whiffletree, and lining-tubes *c* having been introduced into the holes *b*, the arms *k* with their nuts and springs are inserted within the tubes *c*, and the plate *d'* is securely fastened to the face of the tree.

What I claim as new, and desire to secure by Letters Patent, is—

In a whiffletree, the combination of the staple *e* having the loop *g* and threaded arms *k* with the adjustable nuts *m*, the springs *s*, and the removable stop-plate *d'*, substantially as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

BAILEY S. WESCOTT.

Witnesses:

J. S. ROBINSON,
S. O. MUSTERS.