

No. 688,984.

Patented Dec. 17, 1901.

R. P. BRIGHAM.

WHIFFLETREE EVENER.

(Application filed Nov. 1, 1901.)

(No Model.)

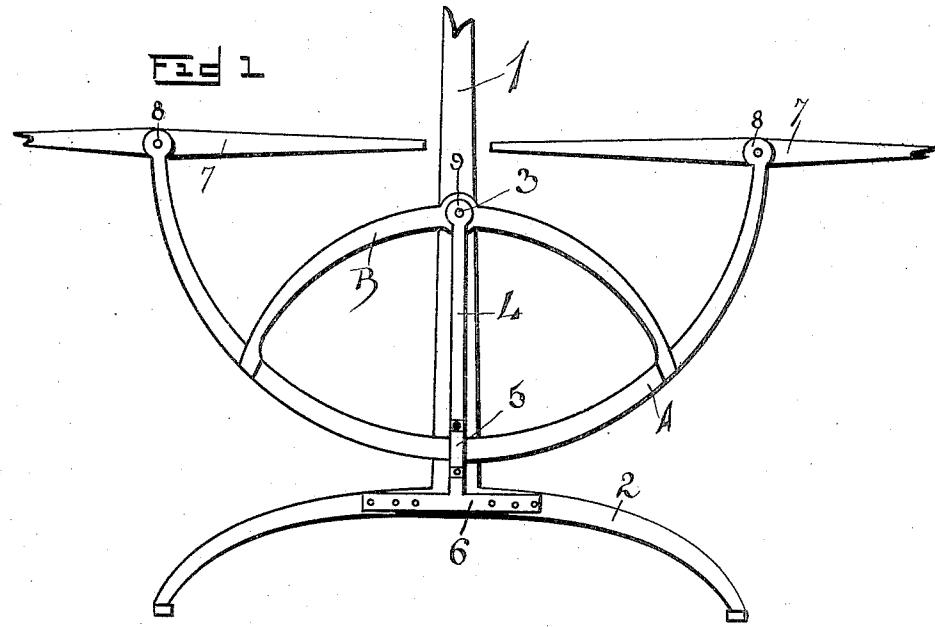
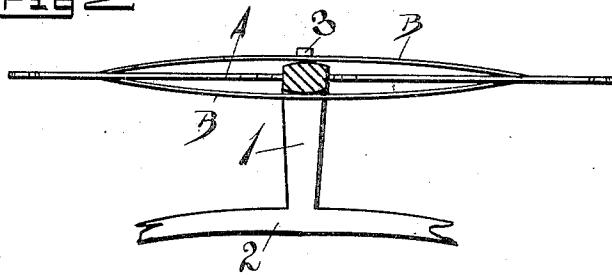


Fig 2



Witnesses:

S. J. Nicholson

F. J. Larson.

Inventor:

Robert P. Brigham  
by Geo. W. Sues.

# UNITED STATES PATENT OFFICE.

ROBERT P. BRIGHAM, OF OCONTO, NEBRASKA.

## WHIFFLETREE-EVENER.

SPECIFICATION forming part of Letters Patent No. 688,984, dated December 17, 1901.

Application filed November 1, 1901. Serial No. 80,832. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT P. BRIGHAM, residing at Oconto, in the county of Custer and State of Nebraska, have invented certain 5 useful Improvements in Whiffletree-Eveners; and I do hereby declare that the following is a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and 10 use the same, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to a new and novel improvement in whiffletree-eveners.

15 The object of my invention is to provide a whiffletree constructed to act as an evener and being adapted to be secured to pleasure or working vehicles.

In the accompanying drawings I have shown 20 in Figure 1 a top view of one of my whiffletrees secured to a tongue having portions broken away, while Fig. 2 shows an end view disclosing the arrangement of my invention.

To a suitable tongue 1, which upon the rear 25 is provided with the usual reach 2, is a T-shaped holder 4, which has its end or head 6 secured to the reach to strengthen the union of the tongue and reach. At the end this holder 4 is perforated, so that the pin 3 may 30 be inserted into the tongue 1.

My whiffletree-evener proper comprises the 35 semicircular member A, which is provided at each end with a suitable singletree 7. Extending from this semicircular whiffletree A are two counterpart semicircular holders B B, which are connected to the member A and are spread, so as to encompass the tongue 1 of the member A, extending above and the other below the tongue, as is shown in Fig. 2. The 40 king-bolt 3 used to secure this whiffletree passes through the two members B B to secure the same to the tongue 1, so that there will be no dipping of the whiffletree member A.

Secured to the member 4 is a suitable bracket 5, which passes over the whiffletree 45 member A, so that this member A may be rocked from side to side.

It will be noticed that the counterpart members B B do not circle or bow outward as far as the end of the member A, the ends of which 50 extend beyond the members B, as is shown in Fig. 1.

It will be noticed that the member A is provided with the terminals 8 8 and that the holder 4 is provided with the eyelet 9. 55

This whiffletree-evener may be made of thin straps of metal, so as to be slightly springy, and, further, be exceedingly light. In having this member A springy any sudden jerking of the horses will be taken by the spring 60 member A.

The device is neat and simple of construction.

Having thus described my said invention, what I claim as new, and desire to secure by 65 United States Letters Patent, is—

A whiffletree-evener comprising the semi-circular member A provided with the terminal eyelets 8 of the T-shaped holder 4 provided with the terminal eyelet 9, of the two 70 counterpart semicircular members B held apart so as to pass above and below a suitable tongue said counterpart members B, B being secured to said holder 4 by means of a suitable king-bolt and the bracket 5 movably 75 holding said whiffletree to the holder 4 as and for the purpose set forth.

In testimony whereof I have hereunto signed my name to this specification in the presence of two witnesses.

ROBERT P. BRIGHAM.

Witnesses:

T. B. BUCKNER,  
A. E. BRIGHAM.