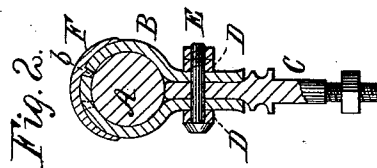
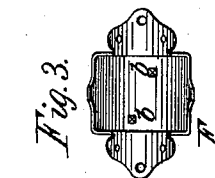
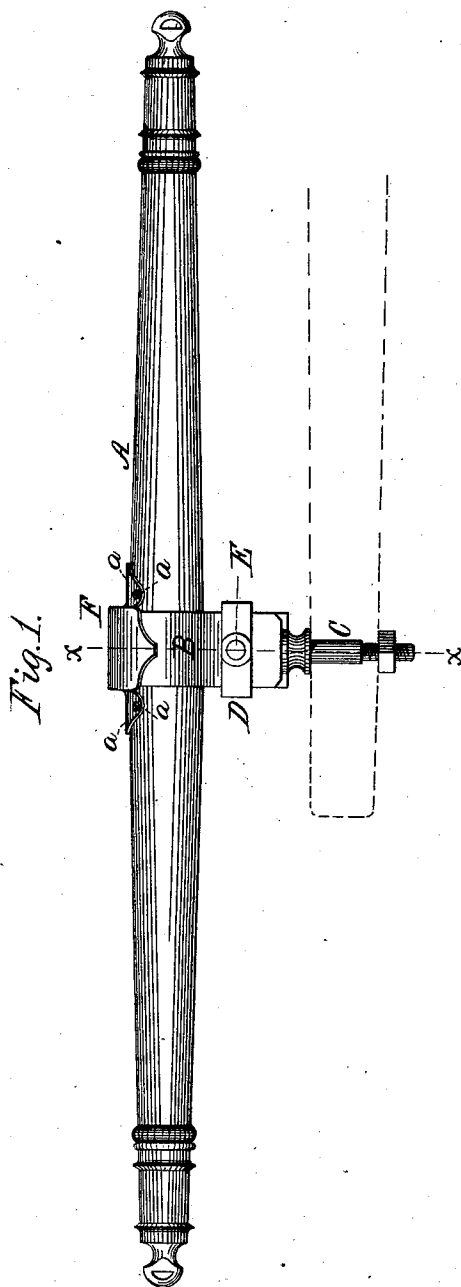


(No Model.)

G. R. EDGLEY.
SINGLETREE.

No. 368,079.

Patented Aug. 9, 1887.



Witnesses:
W. C. Jirdiniston.
Charles Billon.

Inventor
George R. Edgley
by *Peter Rector*
Attorneys.

UNITED STATES PATENT OFFICE.

GEORGE R. EDGLEY, OF MADISONVILLE, ASSIGNOR TO THE CRANE & BREED MANUFACTURING COMPANY, OF CINCINNATI, OHIO.

SINGLETREE.

SPECIFICATION forming part of Letters Patent No. 368,079, dated August 9, 1887.

Application filed May 4, 1887. Serial No. 237,092. (No model.)

To all whom it may concern:

Be it known that I, GEORGE R. EDGLEY, a citizen of the United States, residing at Madisonville, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Singletrees, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My invention relates more particularly to singletrees for hearses, though it is applicable to all classes of singletrees. Its object is to overcome the necessity of grooving or boring the singletree, and thereby avoid the consequent weakening of the singletree at its point of connection with the doubletree.

The novelty of my invention will be herein set forth, and specifically pointed out in the claims.

In the accompanying drawings, Figure 1 is an elevation of my improved singletree with means for connecting the same to the doubletree. Fig. 2 is a sectional view through the line *xx* of Fig. 1. Fig. 3 is a bottom plan view of the retaining-box.

The same letters of reference are used to indicate identical parts in all the figures.

Heretofore, in connecting singletrees to doubletrees, it has been the practice either to bore the singletree at its middle for the passage of the pivotal bolt, which also served as the means of connection to the doubletree, or else to circumferentially groove the singletree at its middle to entirely or partially recess the connecting-strap to prevent the longitudinal slipping of the singletree.

My invention will be readily understood by reference to the accompanying drawings.

A represents an imperforate and ungrooved singletree.

B is the usual strap secured around said singletree at its middle, and C the pivotal bolt, whose flattened upper end is clamped between the lower ends of the strap by means of the jaws D and bolt E.

To hold the strap in position, and thereby prevent the longitudinal slipping of the sin-

gletree, I provide a retaining-box, F, which fits over the strap and is screwed on each side, as at *a*, to the singletree.

As an additional means for securing the singletree and for preventing its turning in the strap, I provide retaining-points *b*, Figs. 2 and 4, upon the under side of the box F, which, when the latter is screwed to the singletree, pass through perforations in the strap, thus securely holding the singletree from any axial movement.

It will be observed that by this means the singletree can be placed and held in a position with reference to its grain to most advantageously resist the strain upon it and prevent its breaking.

While I have described my invention as peculiarly adapted to singletrees, it can be applied with advantage to neck-yokes, in which event the centers would be held upon the yoke by the retaining-box in the same manner as is the connecting-strap shown in the drawings, and by the use of the retaining-points the neck-yoke would be prevented from turning.

Having thus fully described my invention, I claim—

1. The combination, with a singletree and its connecting-strap, of a retaining-box fitted over said strap and secured to the singletree, substantially as and for the purpose described.

2. The combination, with a singletree and its connecting-strap, of a retaining-box fitted over said strap and secured to the singletree, and provided on its under side with retaining-points entering perforations in said strap, substantially as and for the purpose described.

3. The combination and arrangement of the singletree A, retaining-box F, secured thereto, and provided on its under side with retaining-points *b*, the strap B, held by said retaining-box, clamps D, bolt E, and pivotal bolt C, substantially as and for the purpose described.

GEORGE R. EDGLEY.

Witnesses:

HERBERT S. BRIDGE,
E. W. RECTOR.