

No. 624,053.

Patented May 2, 1899.

F. E. LACK.
SINGLE TREE CLIP.

(Application filed July 28, 1898.)

(No Model.)

Fig. 1.

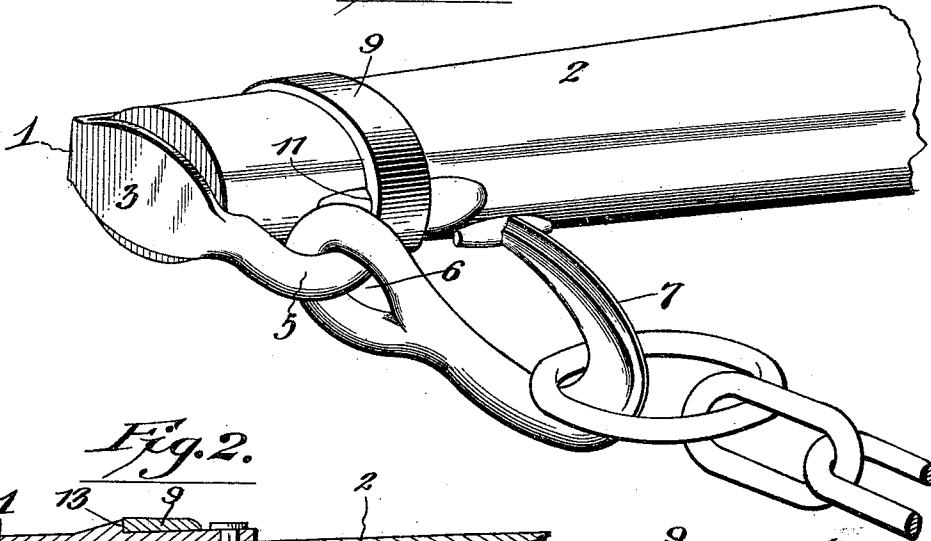


Fig. 2.

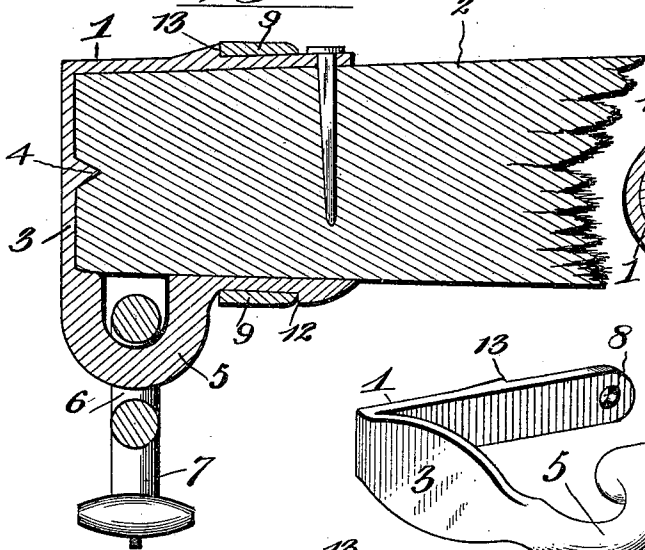


Fig. 3.

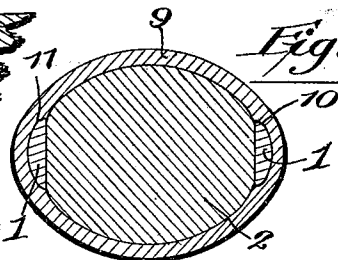


Fig. 4.

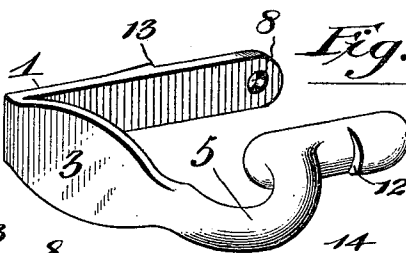
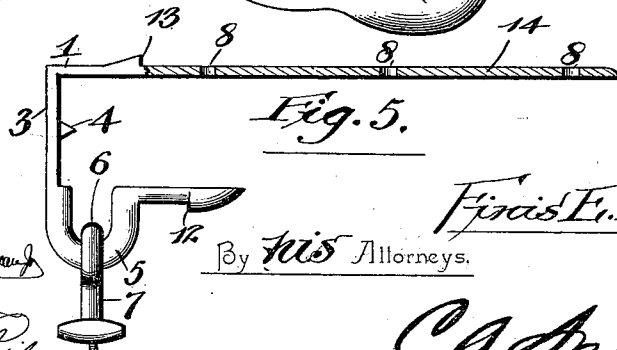


Fig. 5.



Witnesses

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UNITED STATES PATENT OFFICE.

FINIS EWING LACK, OF PADUCAH, KENTUCKY.

SINGLETREE-CLIP.

SPECIFICATION forming part of Letters Patent No. 624,053, dated May 2, 1899.

Application filed July 28, 1898. Serial No. 687,128. (No model.)

To all whom it may concern:

Be it known that I, FINIS EWING LACK, a citizen of the United States, residing at Paducah, in the county of McCracken and State of Kentucky, have invented a new and useful Singletree-Clip, of which the following is a specification.

The invention relates to improvements in singletree-clips:

The object of the present invention is to improve the construction of singletree-clips, more especially the means for fastening the same to a singletree, and to provide a simple, inexpensive, and efficient device adapted to be readily applied to a singletree to connect a whiffletree-hook to the same and capable of effectually preventing a clip from turning on a singletree and of locking a ring in engagement with the clip without the use of screws or similar fastening devices.

The invention consists in the construction and novel combination and arrangement of parts, as hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a perspective view of a portion of a singletree provided with a clip constructed in accordance with this invention. Fig. 2 is a horizontal sectional view. Fig. 3 is a transverse sectional view. Fig. 4 is a detail perspective view of the clip. Fig. 5 is a plan view illustrating a modification of the invention.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a substantially-U-shaped clip having its sides extending longitudinally of the front and rear edges of a singletree 2, which fits within the clip and abuts against the outer transverse portion 3 thereof, and the end of the clip is provided with an inwardly-projecting spur 4, which is embedded in the whiffletree, as clearly illustrated in Fig. 2 of the accompanying drawings. The front side of the clip is provided with an outward bend 5, into which is linked an eye 6 of a whiffletree-hook 7, adapted to have a trace connected to it in the usual manner, and the end of the whiffletree 2 closes the bend 5 and confines the eye of the hook therein.

The rear side of the clip is provided at its

end with a perforation 8 for the reception of a nail or other suitable fastening device, which is driven into the singletree. The sides of the clip are confined within a ring or band 9 embracing the singletree, as clearly illustrated in Figs. 1 and 3 of the accompanying drawings, and provided at the front and back of the singletree with offsets 10 and 11, which receive the sides of the clip, whereby the latter is prevented from turning on the singletree.

The ring or band 9, which is retained on the sides of the clip and held against movement in either direction without the use of a nail, screw, or similar fastening device, is engaged by inner and outer shoulders 12 and 13, formed integral with the sides of the clip and projecting from the outer faces thereof. The projection which forms the shoulder 12 is located at the end of the front side of the clip and is beveled, so that the ring or band may be readily driven on the same, and these shoulders 12 and 13 prevent the ring or band from slipping over the clip.

As illustrated in Fig. 5 of the accompanying drawings, the rear side of the clip may be extended to form a rub-iron 14, which is adapted to protect the singletree from the wheels of a vehicle, and the extension or rub-iron is perforated at intervals to receive nails or other suitable fastening devices for securing it to the singletree.

The invention has the following advantages: The device, which is simple, strong, and durable, is inexpensive and adapted to be readily applied to a singletree. The clip is securely held on the latter by the ring or band, which prevents it from turning, and it is provided with shoulders which prevent the ring or band from slipping on it. The rear side of the clip is also adapted to be extended to provide a rub-iron for protecting the rear edge of the singletree.

Changes in the form, proportion, and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

What is claimed is—

1. In a device of the class described, the combination of a whiffletree, a substantially U-shaped clip arranged on the whiffletree and having its sides extending along the front

and rear edges of the same and provided at one of its sides with an outward bend, a whiffletree-hook linked into said bend and retained therein by the whiffletree, and a band
5 embracing the whiffletree and the clip and interlocked with the sides of the latter, substantially as described.

2. A device of the class described comprising a clip designed to be arranged on a singletree and provided at its sides with inner and outer shoulders, one of the shoulders being located at the end of one of the sides of the clip and the latter being beveled adjacent to the shoulder, and a ring or band receiving
15 the sides of the clip, fitting between the shoulders thereof and adapted to be forced over the beveled portion of the clip, substantially as described.

3. A device of the class described comprising a clip provided at its front side with a bend and having its rear side extended to form a rub-iron, said clip being provided with inner and outer shoulders, and a band re-

ceiving the sides of the clip and arranged between the shoulders thereof, substantially as
25 described.

4. A device of the class described comprising a clip designed to be arranged on a singletree and provided at its front side with a beveled end and having a shoulder 12, adjacent to the same, the rear side of the clip being provided between its ends with the shoulder 13, a band arranged on the clip and located between the shoulders 12 and 13, and a fastening device passing through the end
30 of the rear side of the clip and having its head arranged adjacent to the band, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature
40 in the presence of two witnesses.

FINIS EWING LACK.

Witnesses:

E. J. PAXTON,
P. C. RUDY.