(No Model.)

A. E. PARKER.

AXLE CLIP.

No. 360,724. Patented Apr. 5, 1887.

Fig. 1.

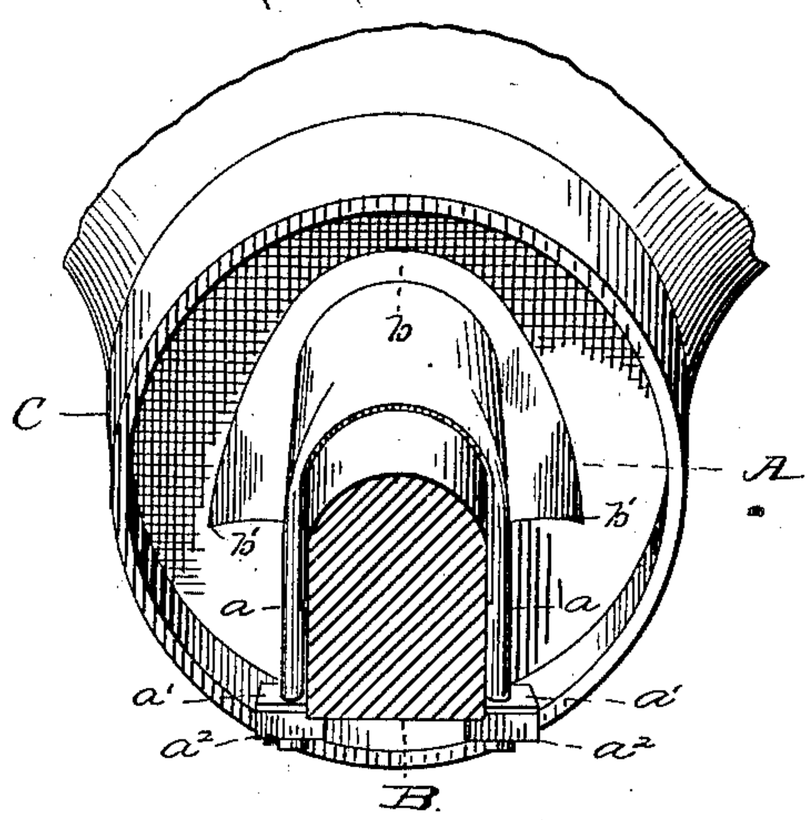


Fig. 2.

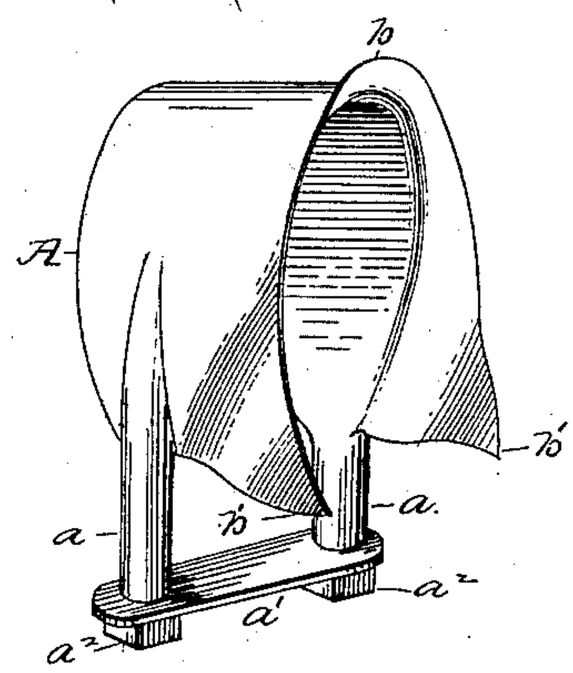
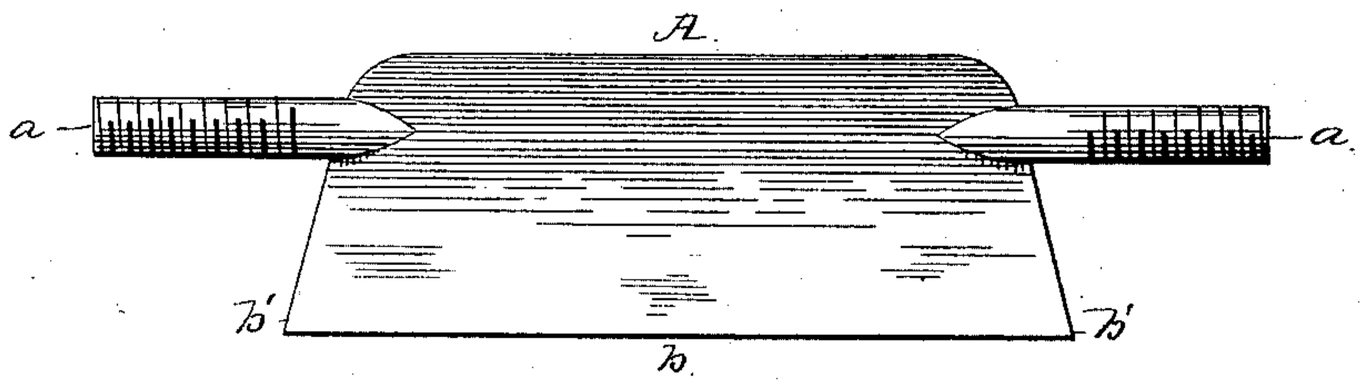


Fig. 3.



Witnesses
Morris A. Clark.
Jno. C. Schroeder

Adelbert E. Parker Inventor

By his Attorney
Geo. W. Dyer

UNITED STATES PATENT OFFICE.

ADELBERT E. PARKER, OF DUBUQUE, IOWA, ASSIGNOR OF ONE-HALF TO ANDREW SCHAFFHAUSER, OF SAME PLACE.

AXLE-CLIP.

SPECIFICATION forming part of Letters Patent No. 360,724, dated April 5, 1887.

Application filed July 10, 1886. Serial No. 207,670. (No model.)

To all whom it may concern:

Be it known that I, ADELBERT E. PARKER, a citizen of the United States, residing at Dubuque, in the county of Dubuque and State of Iowa, have invented certain new and useful Improvements in Axle-Clips; and I do hereby declare the following to be 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 use the same.

My invention relates to an improved axle-clip, which not only serves as a clamp for the wood and iron sections of the axle, but at the same time acts as a dust-shield to prevent sand and dirt from collecting around the inner rim of the hub and working into the axle-box; and to these ends the invention consists in the construction and arrangement of the clip, all as will be more fully hereinafter described and claimed.

For a more thorough understanding of the details of construction and arrangement attention is invited to the accompanying drawings, in which—

Figure 1 is a perspective view of part of an axle and hub, together with my combined clip and dust-shield; Fig. 2, a detail of this combined clip and dust-shield, and Fig. 3 a detail of the blank from which the combined clip and dust-shield is formed.

Like letters of reference denote corresponding parts in the several views.

A denotes the combined clip and dust-shield, B the axle, and C the hub.

The blank shown in Fig. 3, from which the clip is formed, is very similar to the blank used in making the ordinary clip, except that its lower edge is made wider and somewhat thinner and sharper. This blank is formed, as usual, with the two screw-threaded shanks *a a* at or near its upper opposite corners. The blank thus made is bent into the usual form of a clip of this character, and its lower edge, *b*, which is now the outer edge, is turned up into a flange all around, so as to be flaring, and the lower corners, *b' b'*, of this flange are bent in a little, substantially as shown in Fig. 2.

The clip thus formed is then clamped around the end of the axle by the usual plate, *a'*, and the nuts a^2 a^2; but before securing the same it is crowded out a trifle beyond the wood of the axle, so that the flange of the clip will just fit against the hub and under its inner rim, and thus prevent sand, &c., from entering the hub at this point. A clip made in this way can be easily and quickly applied to any axle, requires but a very little more metal than the ordinary clip, and is so efficient and saving as to more than compensate for any additional expense incurred in the manufacture.

The object of having the flange turned in at the corners is to remove any mud, sand, &c., that collects within the rim of the hub.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A combined axle-clip and dust-shield made in one piece with one edge turned up all around and turned in at the corners, so as to fit within the rim of the hub, and with two shanks, whereby it is secured to the axle by the usual clip-tie and nuts, substantially as described.

2. An axle-clip having a turned-up flange on one edge with turned-in corners, substantially as and for the purposes set forth.

In testimony whereof I affix my signature in presence of two witnesses.

ADELBERT E. PARKER.

Witnesses:
G. L. TORBERT,
MONROE M. CADY.