(No Model.)

O. DELONG & B. F. DE LONG.

CAR SEAL.

No. 590,678. Patented Sept. 28, 1897.

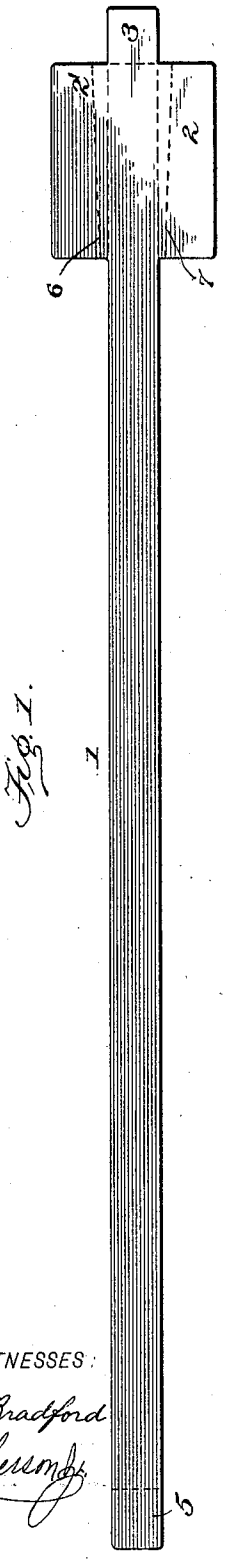


Fig. 1.

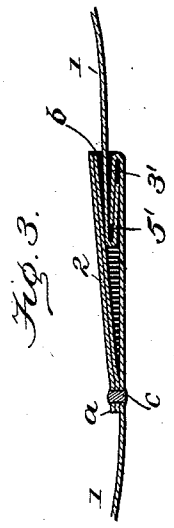


Fig. 3.

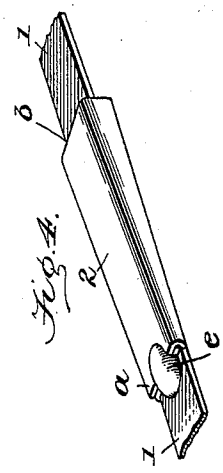


Fig. 4.

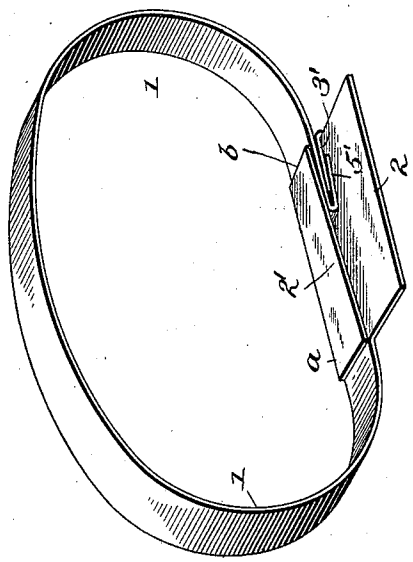


Fig. 2.

WITNESSES:

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CAR-SEAL.

SPECIFICATION forming part of Letters Patent No. 590,678, dated September 28, 1897.

Application filed January 23, 1897. Serial No. 620,419. (No model.)

To all whom it may concern:

Be it known that we, OSKER DELONG and BENJAMIN FRANKLIN DE LONG, citizens of the United States, residing at Gainford, in the county of Mahaska and State of Iowa, have invented certain new and useful Improvements in Car-Seals; and we 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.

Our invention relates to improvements in car-seals; and the object is to provide a simple, cheap, and effective device for this purpose.

To this end the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claim.

In the accompanying drawings the same reference-characters indicate the same parts of the invention.

Figure 1 is a plan view of the sheet-metal blank from which our improved car-seal is formed. Fig. 2 is a perspective view of the seal as it appears when in use, with one of the ears or wings left open to show the interlock hooks. Fig. 3 is a longitudinal section through the tapering socket; and Fig. 4 is a perspective view of the socket, showing a modified form of the manner of sealing the rear closed end of the tapering socket.

1 represents a sheet-metal band provided at one end with a longitudinal extension 5, which is turned back on the band to form a hook 5′. The opposite end of said band 1 is likewise formed with a similar extension 3, which is also turned back upon the band to form a hook 3′. The end of the band 1 contiguous to the extension 3 is formed with two integral ears or wings 2 and 2′, the ear 2 extending laterally on one side of the band and the ear 2′ in the same plane on the opposite side thereof.

To form the seal, the extension 3 is turned back on the band 1 to form an inclined or oblique hook 3′. The ear 2′ is then turned upwardly along the dotted line parallel with and at a right angle to the band. The projecting portion of said ear 2′ is now turned inwardly on the diagonal line 6 and across the contiguous face of the band and at a longitudinal converging angle thereto, as clearly shown in Fig. 2, the body of the band forming the bottom and the ear 2′ the inclined top and one parallel side of the tapering socket, with a closed rear end *a* and a diverging open mouth *b* facing the end of the band, as shown. The opposite ear 2 is then folded in exactly the same manner, first at a right angle along the dotted line and then on the diagonal line 7, which folds the ear 2 down on top of the ear 2′ and parallel therewith and completes the socket. The rear ends of the ears forming the closed end of the socket are then perforated and a rivet *c* inserted and headed up in the usual manner to permanently secure the ends to the body of the band, as shown in Fig. 3, or, if preferred, the punching and riveting may be dispensed with and a globule of melted solder *e* applied to the body portion of the band and the contiguous edges of the ears, as shown in Fig. 4, and a suitable seal embossed on the face of the solder by an ordinary sealing-press.

Having thus fully described our invention, what we claim as new and useful, and desire to secure by Letters Patent of the United States, is—

The improved car-seal herein described, comprising the band 1 provided at one end with a hook 5′, and at the other end with a rearwardly-projecting hook 3′ and a socket formed by two oppositely-disposed ears 2, 2′, and having its mouth facing the contiguous end of the band, said ears being bent at right angles and diagonally to the band and inwardly upon each other to form the side and top walls of the socket, said walls converging from the mouth of the socket to the rear end thereof, and having their rear ends resting upon the band, and auxiliary means for connecting the rear ends of the ears to the band to close the contracted rear end of the socket, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

OSKER DELONG.
BENJAMIN FRANKLIN DE LONG.

Witnesses:
W. R. LACEY,
MARGARET WRIGHT.