

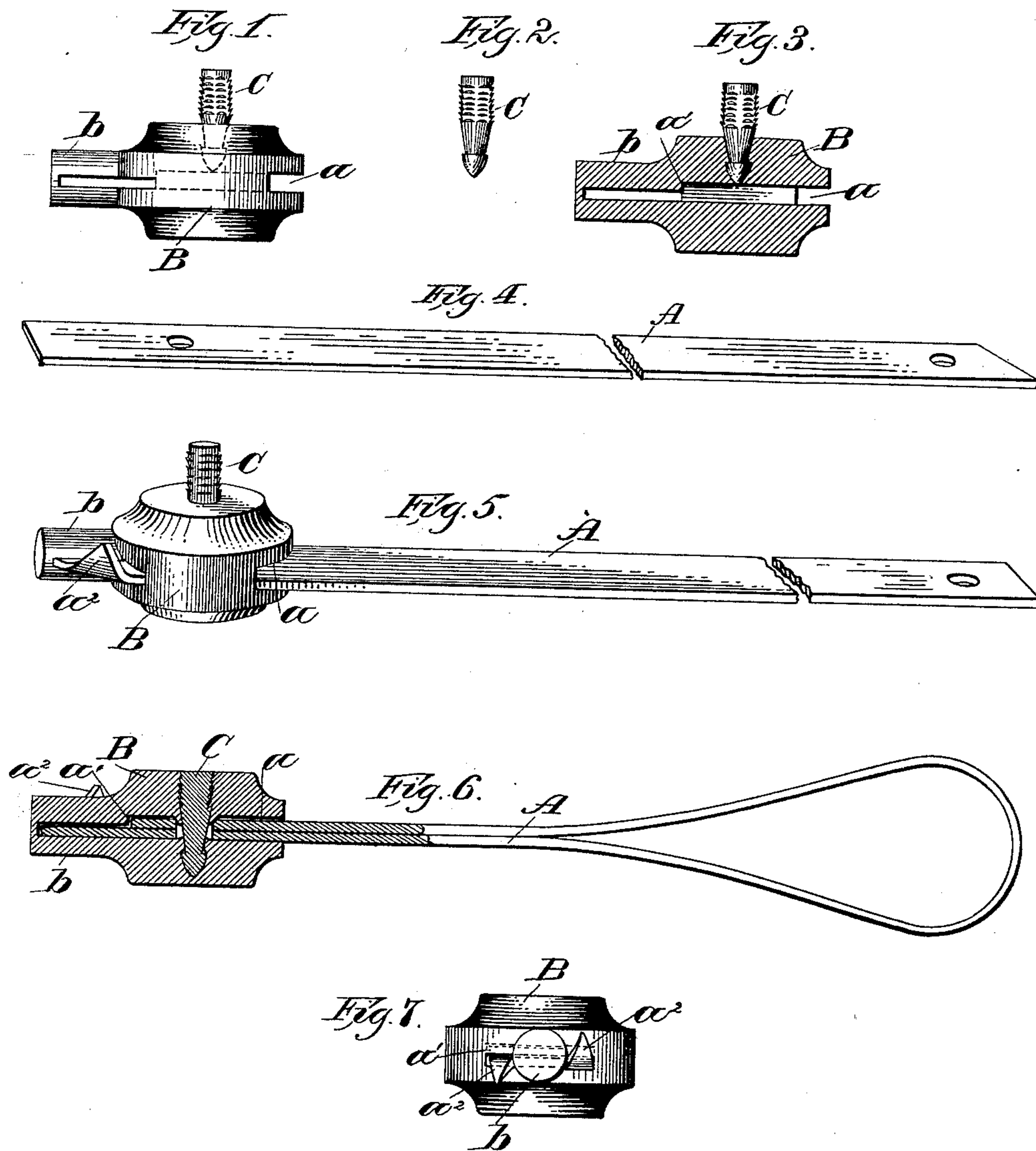
(No Model.)

L. A. FOOTE.

SEAL FOR RAILROAD CARS, &c.

No. 327,783.

Patented Oct. 6, 1885.



Witnesses:
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LEWIS A. FOOTE, OF LANSING, MINNESOTA.

SEAL FOR RAILROAD-CARS, &c.

SPECIFICATION forming part of Letters Patent No. 327,783, dated October 6, 1885.

Application filed April 29, 1885. Serial No. 163,848. (No model.)

To all whom it may concern:

Be it known that I, LEWIS A. FOOTE, of Lansing, in the county of Mower, and in the State of Minnesota, have invented certain new and useful Improvements in Seals for Railroad-Cars, &c.; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to car-seals, and will be fully described hereinafter.

In the drawings, Figure 1 is a side view of a sealing-disk forming part of my invention; Fig. 2, a like view of my securing-pin. Fig. 3 is a vertical section of the sealing-disk. Fig. 4 is a perspective view of a shackle forming part of my invention. Fig. 5 is a perspective view of my device before sealing. Fig. 6 is a longitudinal section of the same after sealing; and Fig. 7 is a rear end view.

A is the shackle, which is of thin sheet metal, and B is the seal-disk, which is cast with a rear projection, *b*, and an orifice, *a*, that extends back into projection *b*, and the roof of the orifice is provided with a shoulder, *a'*. A pin, C, is cast in the upper portion of disk B, as shown in Fig. 3, and the projecting portion of this pin is serrated or roughened, as shown, that it may be more secure when driven.

The operation of my device is as follows: That portion of the orifice *a* forward of shoulder *a'* is just wide and high enough to admit both ends of the shackle A, while that part of orifice *a* back of shoulder *a'* is only high enough to admit one thickness of metal. One end of the shackle is secured in the disk by passing it into the orifice *a* and back to the full limit of its floor, and then bending its corners *a*² up and down on each side of projection *b*. The device after this is ready for the market, and when it is to be used the free end of the shackle is passed through or around the objects to be sealed, and is then slipped into the seal-disk on top of the secured portion, and then, by means of a punch or press, the pin C is forced through the upper portion of the seal, the two ends of the shackle, and into

the metal beneath, carrying a burr from the roof of the orifice into the hole made by the pin in the upper end of the shackle. The two ends of the shackle will now be held so securely in the seal-disk that it will be impossible to remove them without mutilation sufficient to indicate that the seal has been tampered with. By means of the shoulder *a'* and the metal back of it I am enabled to confine the lower end of the shackle so that it will not bulge or crimp while its corners are being bent, for if it did crimp or bulge it would hinder the inserting of the upper end of the shackle.

As the shoulder *a'* forms a stop for the upper end of the shackle, and the rear end of projection being closed forms a stop for the lower end of the shackle, neither can pass into the disk any farther than a stated distance, and therefore there is no liability of their passing in so far as to cover any detective marks that may be on the shackle.

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

1. In a sealing device, a disk having a threading-aperture and a shoulder depending from the roof of the aperture, in combination with a shackle, one end of which passes beyond said shoulder, while the other abuts against it, and a securing-pin, as set forth.

2. A sealing-disk having a rear slotted projection to receive the lower end of the shackle, and a shoulder to receive the upper end, in combination with the shackle and securing-pin, substantially as described.

3. The combination, with the sealing-disk and shackle, of a roughened pin cast with the sealing-disk.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

LEWIS A. FOOTE.

Witnesses:

S. S. STOUT,

H. J. FORSYTHE.