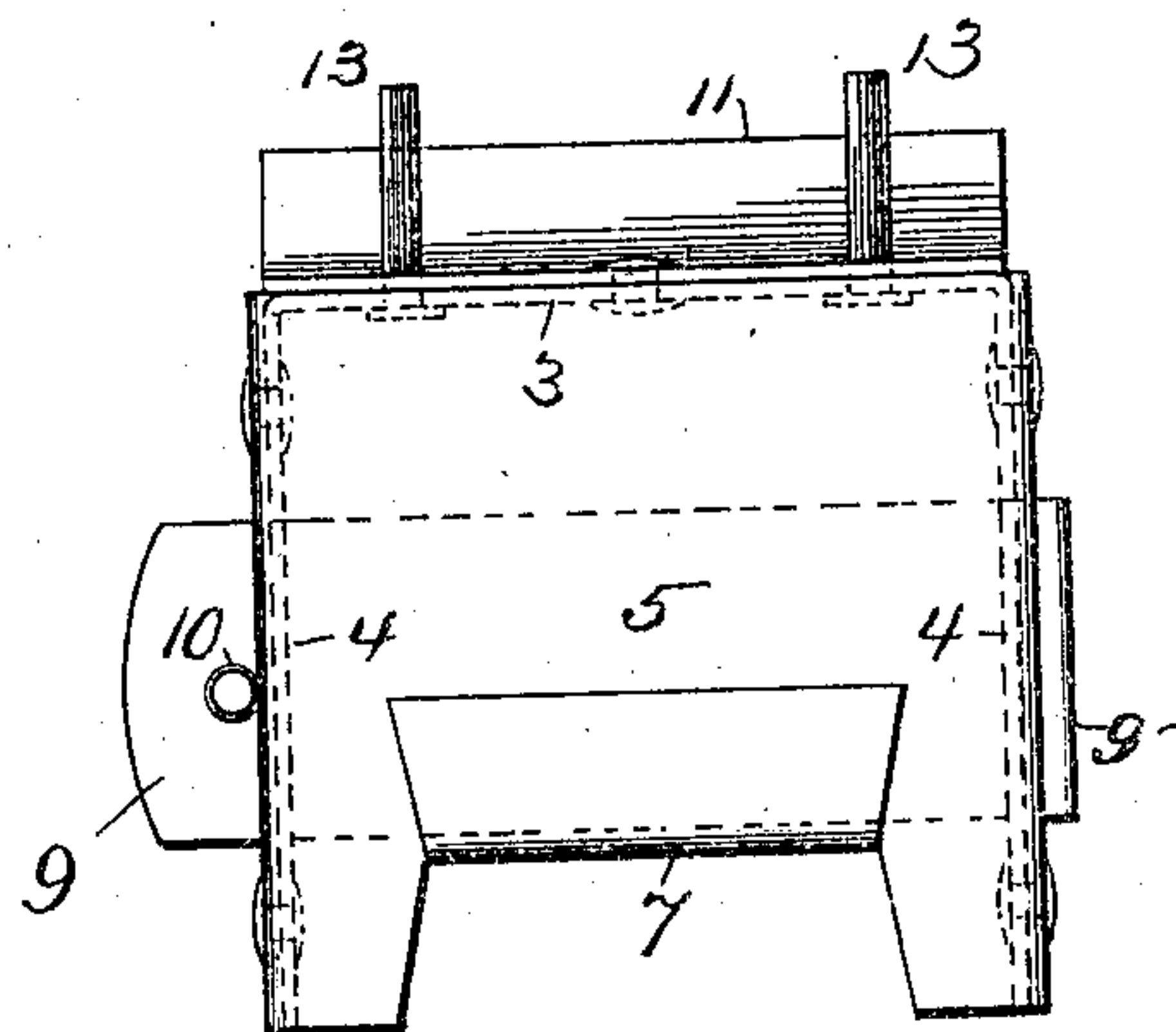
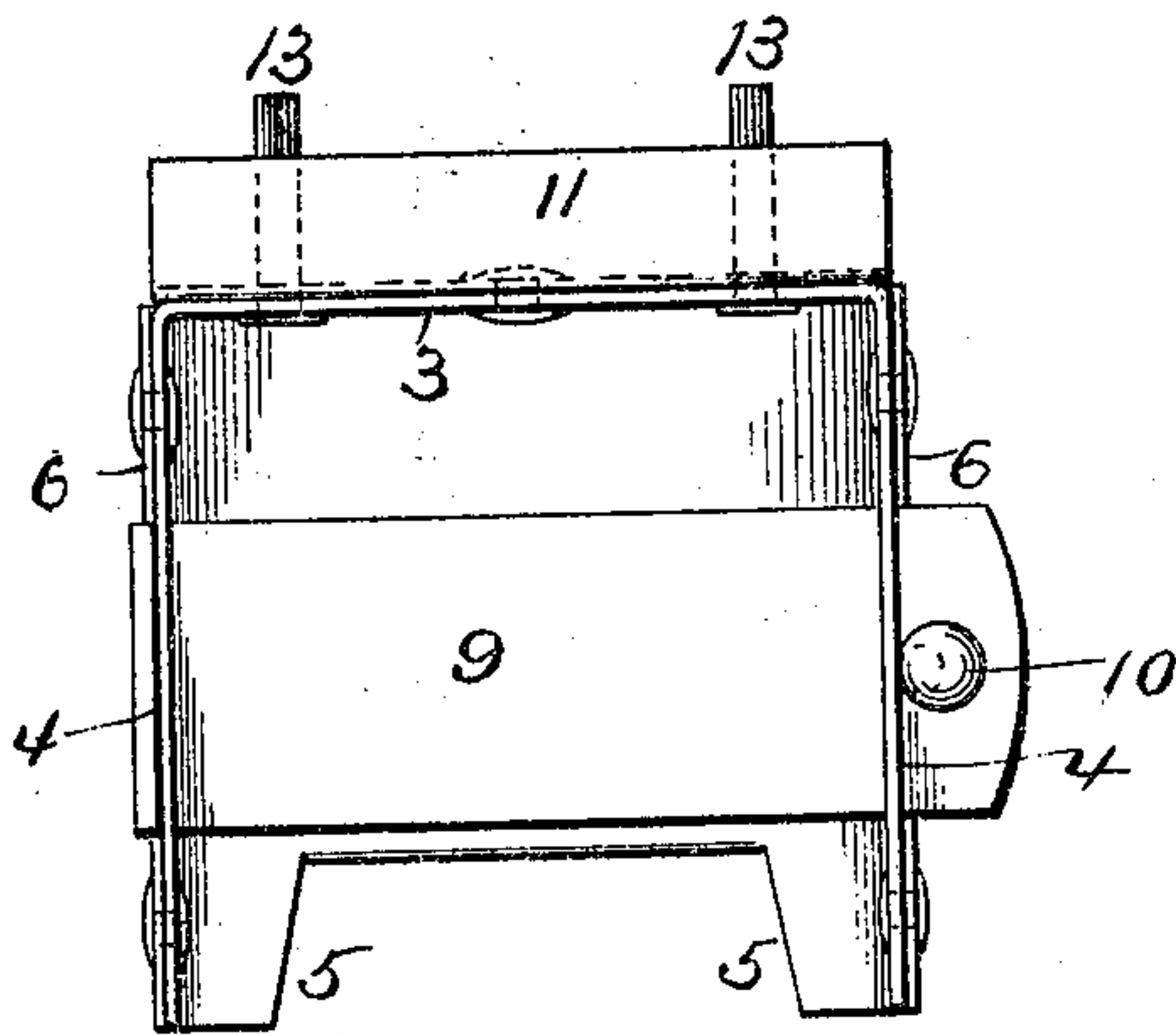
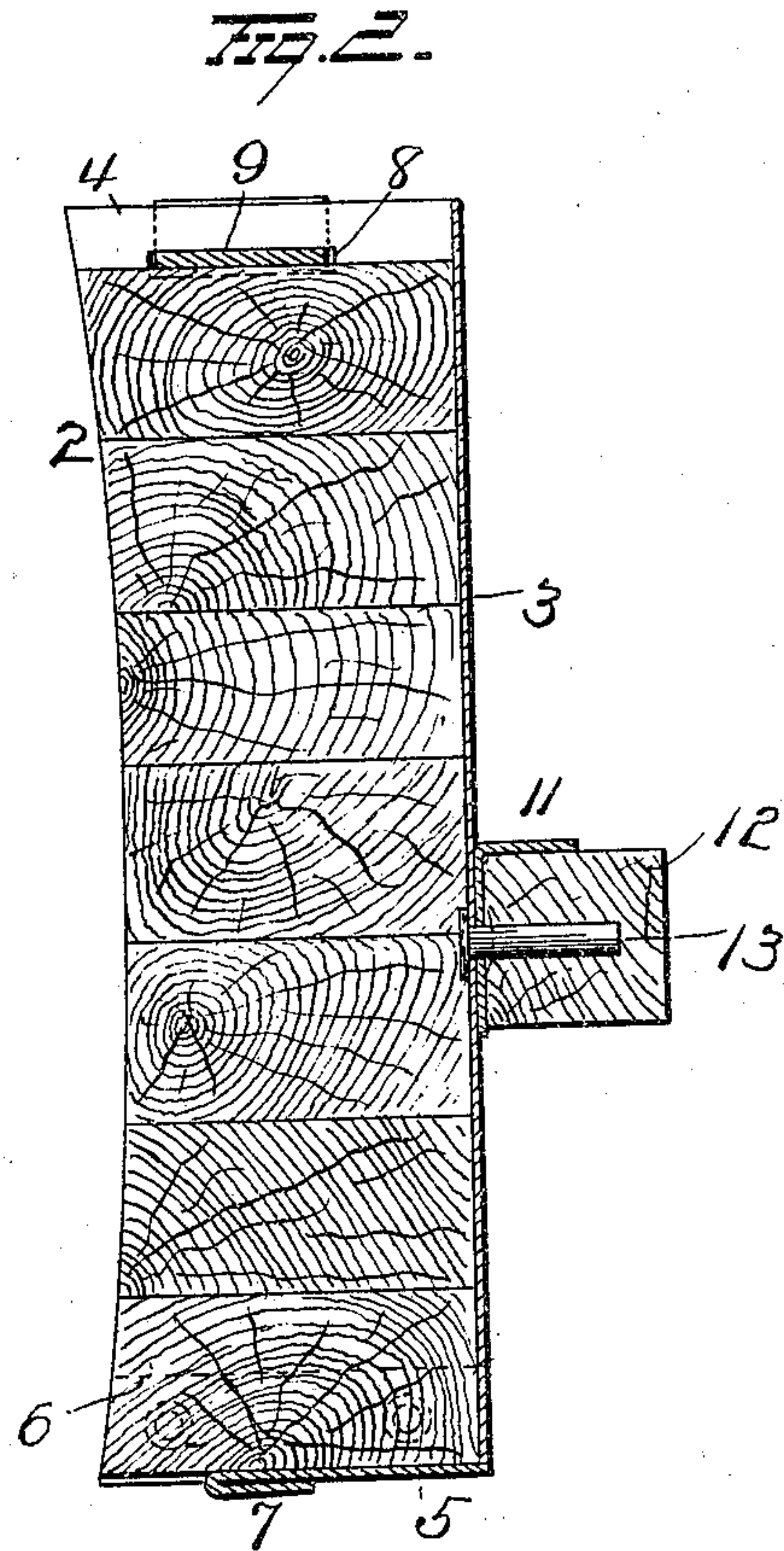
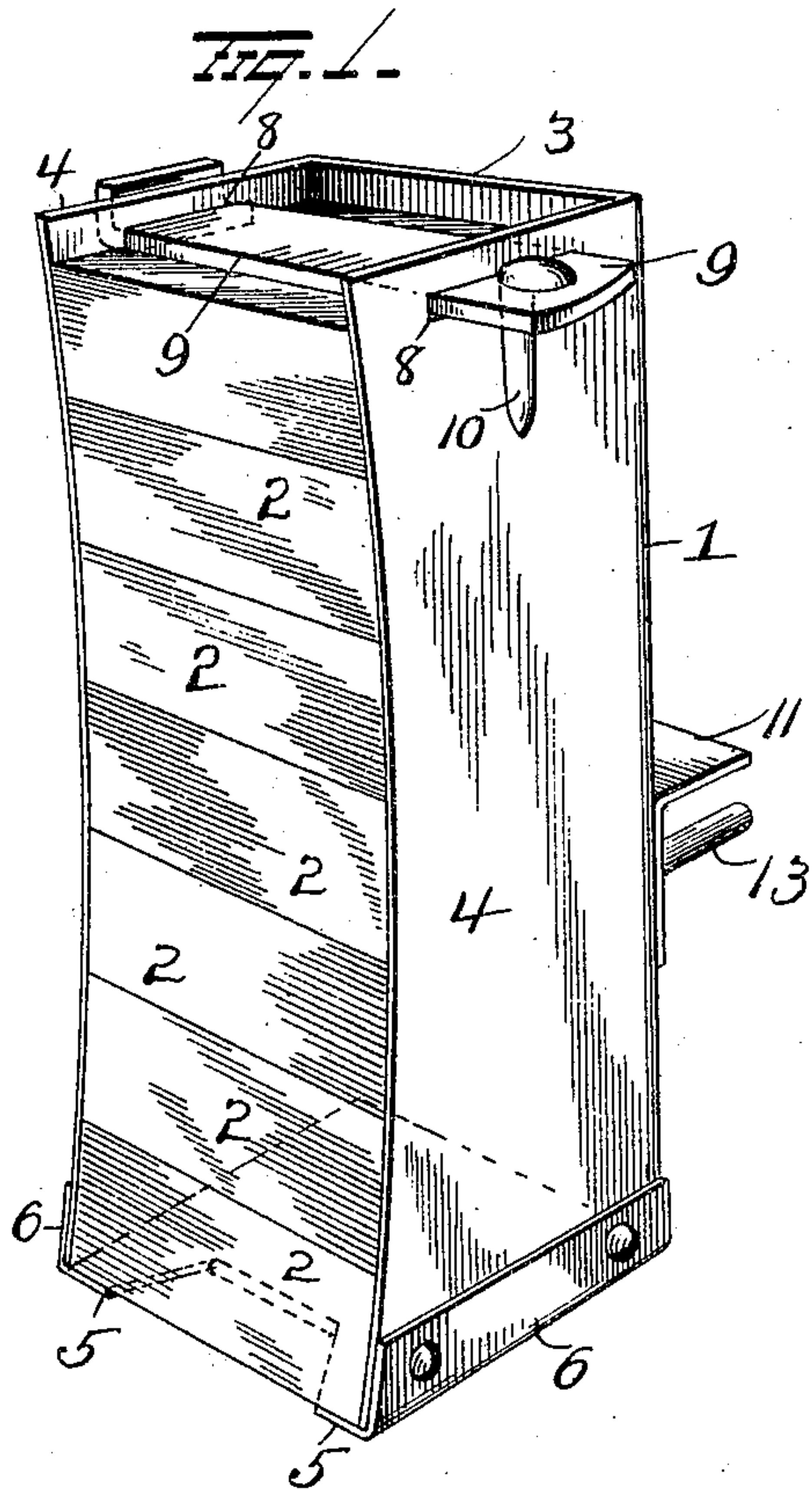


No. 793,747.

PATENTED JULY 4, 1905.

A. A. SMITH.
BRAKE SHOE.

APPLICATION FILED APR. 22, 1904.



WITNESSES
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ANDREW A. SMITH, OF PAONIA, COLORADO.

BRAKE-SHOE.

SPECIFICATION forming part of Letters Patent No. 793,747, dated July 4, 1905.

Application filed April 22, 1904. Serial No. 204,357.

To all whom it may concern:

Be it known that I, ANDREW A. SMITH, a resident of Paonia, in the county of Delta and State of Colorado, have invented certain new and useful Improvements in Brake-Shoes; 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 brake-shoe, the object of the invention being to provide an improved construction of shell adapted to receive and support blocks of wood to bear against a wheel-rim; and it consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a perspective view illustrating my improvements. Fig. 2 is a view in vertical section. Fig. 3 is a top plan view, and Fig. 4 is a bottom plan view.

My improved brake-shoe consists of a box 1 and a filler 2. The box is composed of sheet metal bent to form a flat back 3 and parallel sides 4, having their forward edges slightly curved, as shown, and a sheet-metal bottom 5 has bent ends 6 securely riveted to sides 4 and has a portion 7 bent back from its forward edge, forming a recess to allow for wear of the filler 2 without injuring the box. The filler consists, preferably, of a series of blocks cut the proper size and having the side grain of the wood presented to the wheel as a wearing-face. To secure the filler in the box, the sides 4 thereof are made near their upper ends with aligned slots 8 to receive a bar 9, bent at one end to limit its movement through the box and having an opening at its opposite end to receive a pin 10 and removably secure it in place. An angular sheet-metal plate 11 is secured to the back 3 to receive the end of the brake-beam 12, and suitable pins 13 or like securing devices are provided to enter the beam and firmly secure the shoe in place.

By constructing my improved box 1 with flat back 3 the filler-blocks 2 can be readily placed in position from the top without disconnecting the box from the brake-beam and is a distinct improvement in the art.

A great many changes might be made in the general form and arrangement of the parts described without departing from my invention, and hence I would have it understood that I do not restrict myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

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

1. A brake-shoe comprising a sheet-metal box having a flat back and flat sides, a bottom for said box having upturned flanges riveted to the sides of the box, said bottom having a recess in its edge, a series of wooden blocks in said box and resting on the bottom thereof, a bar passing through openings in the sides of the box over the top block of the series, and means at each end of said bar for preventing accidental displacement thereof.

2. A brake-shoe comprising a sheet-metal box having a flat back and flat sides, a bottom for said box having upturned flanges riveted to the sides of the box, said bottom having a recess in its edge, a series of wooden blocks in said box and resting on the bottom thereof, a bar passing through the sides of the box near the top thereof, a sheet-metal bracket secured to the back of the box to receive a brake-beam and a pin projecting through the back of the box and one member of said bracket and adapted to enter the brake-beam.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ANDREW A. SMITH.

Witnesses:

WM. L. MACK,
LON LENG.