Feb. 10, 1925.

1,525,542

J. HANSON

EXTENSIBLE LEG FOR LADDERS

Filed March 29, 1923

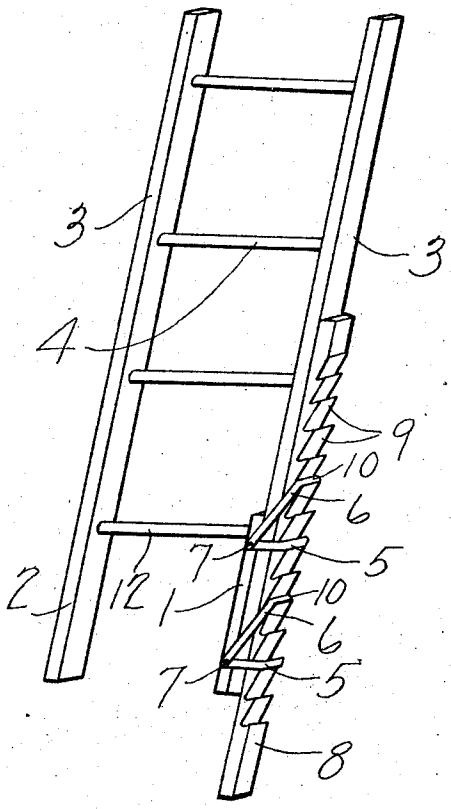


Fig. 1.

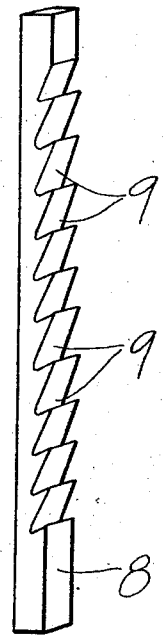


Fig. 3.

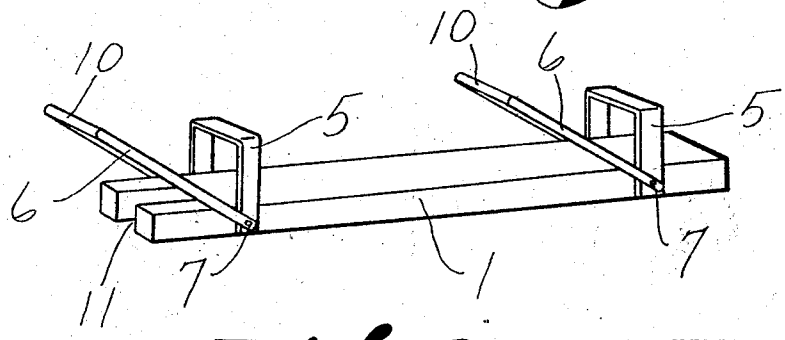


Fig. 2.

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UNITED STATES PATENT OFFICE.

JOHN HANSON, OF SPRINGFIELD, MASSACHUSETTS.

EXTENSIBLE LEG FOR LADDERS.

Application filed March 29, 1923. Serial No. 628,580.

To all whom it may concern:

Be it known that I, JOHN HANSON, a citizen of the United States, residing in the city of Springfield, county of Hampden, and State of Massachusetts, have invented new and useful Improvements in Extensible Legs for Ladders, of which the following is a specification, reference being had to the accompanying drawings.

This invention is in the way of an extensible leg for ladders, and the object is to provide a simple, efficient and practicable attachment for either side rail of the ladder, and whereby such side rail may be readily adapted to meet any inequality in the ground on which the ladder may be located, as for instance, on the side of a hill.

In the drawing:

Figure 1 is a perspective view of the device as attached to a ladder.

Figure 2 is a detail of the hanger block and hanger.

Figure 3 is a detail of the extensible leg bar.

The invention comprises the hanger bar 1 adapted to fit on the inside face of either lower end 2 of the side rails 3 of the ladder 4, the said hanger bar having iron loops 5 at each end adapted to freely yet snugly engage either rail of the said ladder, and having also iron hanger loops 6 pivoted at 7 to the ends of the said hanger bar. The other element of the invention is the extensible leg bar 8 which is considerably longer than the hanger bar 1 and is adapted to fit on the outside face of one of the ends 2. The bar 8 has a plurality of upwardly turned notches 9 adapted to receive and hold the free ends 10 of the hanger loops 6. The bars 1 and 8 are both approximately of the same width as the ladder rails 3. In order to more securely seat the attachment to the ladder, a notch 11 may be cut into the upper end of the hanger bar 1, to engage the lower rung 12 of the ladder, which rung seats into said notch. This attachment is readily set over the rail of the ladder as shown, and either side of the ladder thus adjusted to meet any inequality in the surface of the ground.

While I have herein described a certain specific manner and method of constructing and assembling the elements of my invention, it is understood that I may vary from the same in minor details, not departing from the spirit of the invention, so as to best construct a practical device for the purpose intended, as defined in the appended claim.

I claim:

In combination with a ladder, an extensible leg therefor, comprising a hanger bar adapted to fit inside the lower end of one of the side rails, and having a notch cut in its upper end adapted to engage the lower rung of the ladder; rail engaging loops at the ends of the hanger bar; hanger loops pivoted at the ends of the hanger bar; and an extensible leg bar adapted to fit on the outside of the lower end of the side rail through the said hanger loops, the said leg having a plurality of notches adapted to engage the said hanger loops.

JOHN HANSON.

Witnesses:

CHARLES L. YOUNG,

ROSE ATKINS.