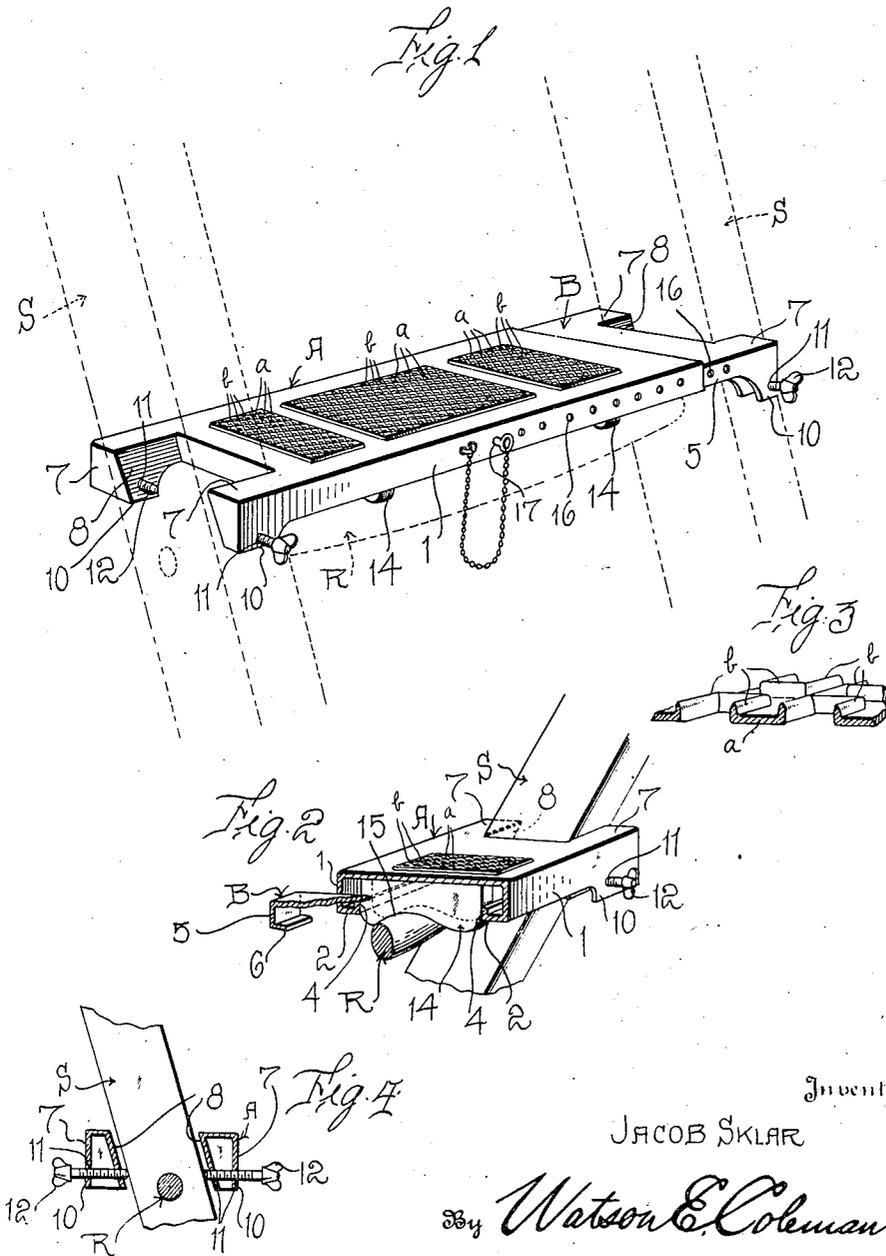


J. SKLAR.
 LADDER ATTACHMENT.
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1,285,817.

Patented Nov. 26, 1918.



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LADDER ATTACHMENT.

1,285,817.

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To all whom it may concern:

Be it known that I, JACOB SKLAR, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Ladder Attachments, of which the following is a specification, reference being had to the accompanying drawings.

10 This invention relates to certain improvements in ladder attachments and has relation more particularly to a device of this general character especially designed and adapted for use in connection with a ladder embodying substantially cylindrical or narrow rungs and it is an object of the invention to provide a novel and improved attachment of this general character which may be readily applied to the rung of a ladder and which presents an increased area for the workman to stand upon so that the feet will not be subjected to the inconveniences generally created by standing upon the rung proper.

20 It is also an object of the invention to provide an attachment of this general character having novel and improved means whereby it may be effectively held in applied position and wherein the attachment comprises a plurality of relatively adjustable sections to permit the attachment to be employed in connection with ladders of different widths.

30 The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved ladder attachment whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

The novel features of my invention will hereinafter be definitely claimed.

45 In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein:

50 Figure 1 is a view in perspective of a ladder attachment constructed in accordance with an embodiment of my invention, the coating portion of a ladder being indicated by dotted lines;

55 Fig. 2 is a fragmentary sectional view in perspective illustrating certain details of

construction of my improved attachment as herein embodied;

Fig. 3 is an enlarged fragmentary view in perspective illustrating the grid portion of a section comprised in my improved attachment; and

Fig. 4 is a fragmentary view partly in section and partly in elevation illustrating the coaction of a pair of extensions with the stiles of a ladder.

As disclosed in the accompanying drawings my improved attachment comprises two sections A and B telescopically engaged one with the other so that said sections are capable of relative longitudinal adjustment in order to permit the device to be employed in connection with ladders of different widths.

The sections A and B are preferably formed of cast iron and the section A has its opposite longitudinal marginal portions defined by the substantially right angularly disposed flanges 1 substantially L-shape in cross section with the foot portion 2 of each of said flanges inwardly directed. The inner or free longitudinal margins of the portions 2 of the flanges 1 have disposed entirely therealong the upstanding flange 4. The section B has its longitudinal marginal portions defined by the right-angularly disposed flanges 5 also L-shaped in cross section and with the foot portion 6 thereof inwardly directed. The flanges 5 fit snugly between the flanges 1 and 4 whereby the sections A and B are effectively maintained against relative lateral movement yet are readily capable of longitudinal adjustment one relative to the other.

The outer end of each of the sections A and B is provided with the longitudinally disposed extensions 7 in transverse spaced relation and spaced apart a distance sufficient to receive therebetween the stile S of a ladder when the attachment is in applied position. The extensions 7 are substantially in the form of an inverted U in cross section and the opposed faces 8 thereof are beveled in order to compensate for the inclination of the stile S of the ladder when in applied position. The outer end portions of the extensions 7 are provided with the depending sections 10 and said extensions have disposed transversely thereof the threaded openings 11 with which the set screws 12 coact. A set screw may be employed in con-

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nection with a single extension 7 of each of said extensions or each of the sections A and B as the occasions of practice may require. The set screws are adapted to engage an edge of a stile in order to bind or clamp the attachment in its applied position upon a rung R of a ladder and to hold said attachment against rocking movement about the rung. In order to materially lighten the weight of the sections A and B I find it of advantage to have the intermediate portion of each of said sections of a grid formation. It is also desirable to have the marginal portions of the bars or members *a* of the grid of each of the sections provided with the upstanding lips *b*. The lips *b* serve to prevent slipping of the person standing upon the device.

Disposed transversely of each of the sections A and B adjacent its outer end is the saddle 14 having its central portion provided with a recess or pocket 15 to receive a rung R when my improved attachment is in applied position.

In order to positively lock the sections A and B against relative longitudinal movement, I find it of importance to provide the flanges 1 and 5 with the longitudinally spaced openings 16. The openings 16 of the flange 1 are adapted to register with the openings in the adjacent flange 5 so that a locking pin 17 may be directed through said registering openings and thereby positively hold the sections A and B against relative longitudinal movement after being assembled in accordance with the requirements of practice.

From the foregoing description, it is thought to be obvious that a ladder attachment constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and facility with which it may be assembled and operated and it will also be obvious that my invention is susceptible of some change and

modification without departing from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice except as hereinafter claimed.

I claim:

1. A ladder attachment comprising a body adapted to be mounted upon a rung of a ladder, the opposite ends of the body being provided with transversely spaced extensions adapted to straddle the stiles of a ladder, and clamping members carried by the extensions and adapted to coact with the stiles of a ladder for holding said body in applied position.

2. A ladder attachment comprising a body adapted to be mounted upon a rung of a ladder, the opposite ends of the body being provided with transversely spaced extensions adapted to straddle the stiles of a ladder, and clamping members carried by the extensions and adapted to coact with the stiles of a ladder for holding said body in applied position, said body comprising two telescopically connected sections.

3. A ladder attachment comprising a body adapted to rest upon a rung of a ladder, the opposite ends of the body being provided with means whereby the same may engage the stiles of a ladder for holding the body against tilting movement, said body comprising two telescopically connected sections, and means coacting with said sections for holding the same against relative movement.

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

JACOB SKLAR.

Witnesses:

SAMUEL SKLAR,
W. E. LAWSON.