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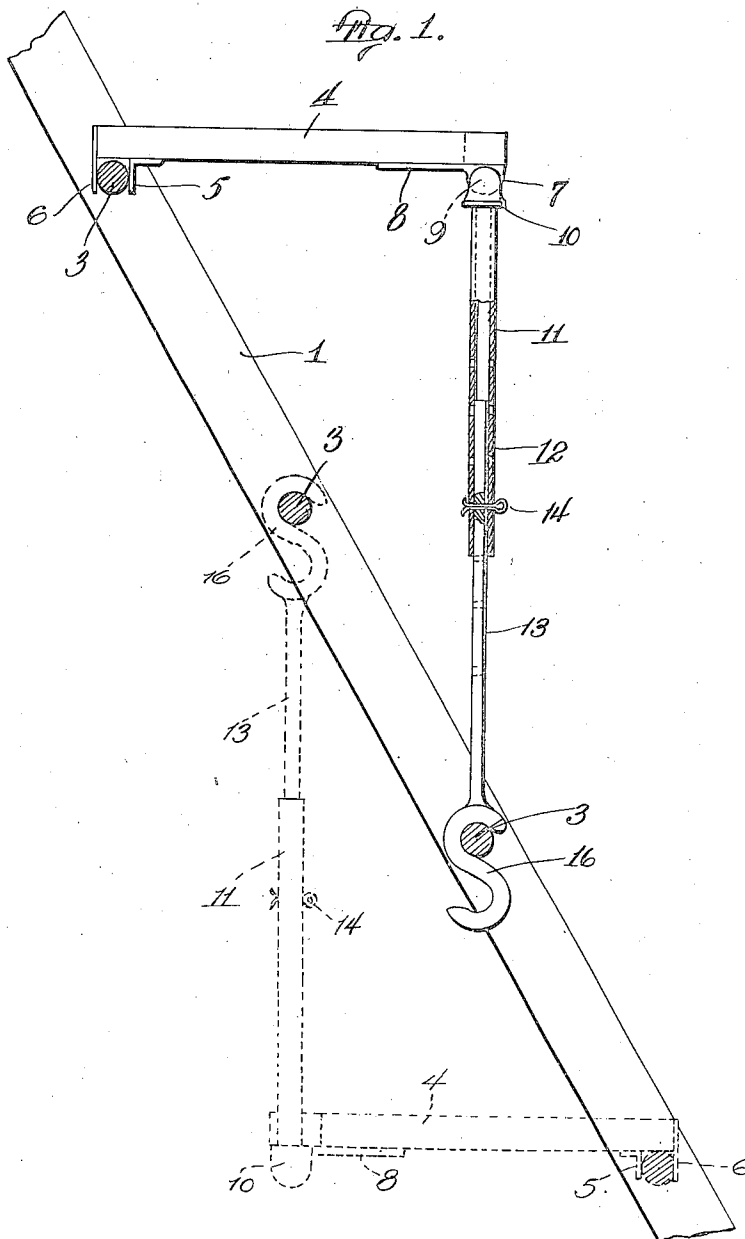
1,452,182

C. A. BUTRUM

PLATFORM LADDER JACK

Filed Sept. 28 , 1920

2 Sheets-Sheet 1



Inventor

Clarence A. Buttrick

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Fig. 2.

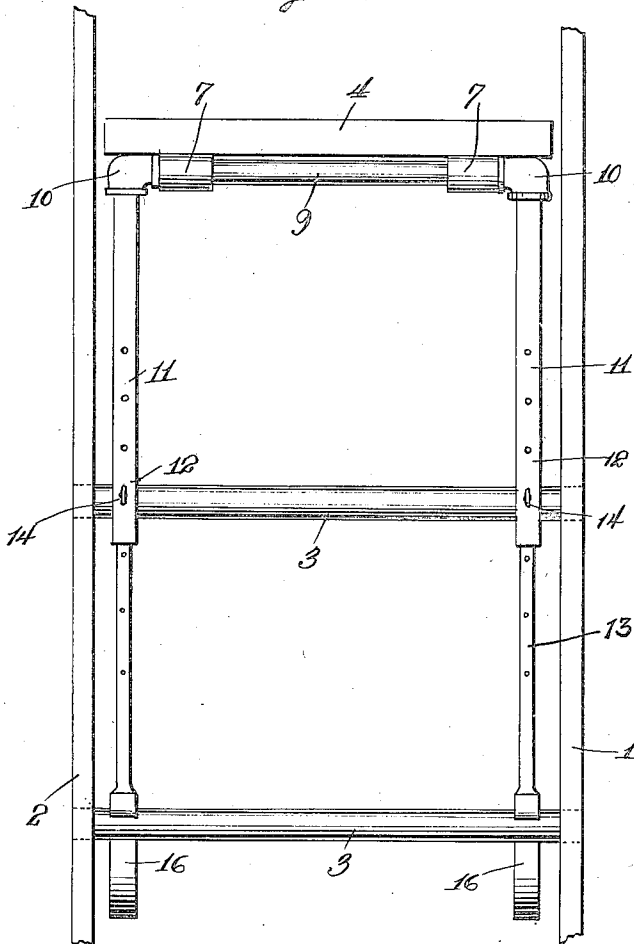
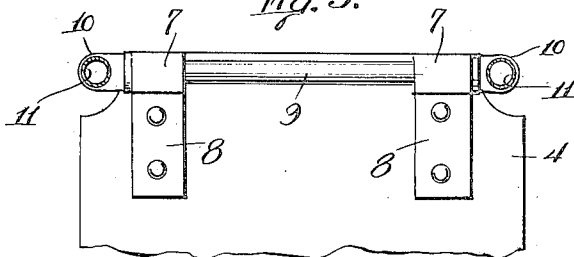


Fig. 3.



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By

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UNITED STATES PATENT OFFICE.

CLARENCE A. BUTRUM, OF HOLTON, KANSAS.

PLATFORM LADDER JACK.

Application filed September 28, 1920. Serial No. 413,283.

To all whom it may concern:

Be it known that I, CLARENCE A. BUTRUM, a citizen of the United States, residing at Holton, in the county of Jackson and State of Kansas, have invented certain new and useful Improvements in a Platform Ladder Jack, of which the following is a specification.

This invention relates to platform ladder jacks and more particularly to an apparatus for forming a bracket for a scaffolding or providing a means whereby a ladder may be utilized as a support for a platform for workmen.

One of the objects of the invention is to provide a simple attachment which may be connected with the rungs of a ladder so that portions of the device will be disposed in a horizontal plane whereby the platform will be provided upon which the workmen may stand.

Another object of the invention is to provide a device of this character which may be adjusted to fit the angular position of the ladder or which may be utilized on ladders of different constructions.

Other objects of the invention will appear upon consideration of the following detailed description and accompanying drawings, wherein:—

Figure 1 is a side elevation of the apparatus constructed in accordance with my invention,

Figure 2 is a front elevation, and

Figure 3 is a fragmentary view of the connecting member for the platform to the support.

Referring to the drawing by numerals, the side rails 1 and 2 of the ladder are provided with the usual rungs 3 spaced apart the required distance. When the ladder is in use it will be in the angular position indicated in Fig. 1. A shelf or platform 4 is provided at one end with cleats 5 and 6 which are suitably spaced apart to receive one of the rungs of the ladder as shown to advantage in Fig. 1. Attached to the bottom of the shelf are the cleats 8 which are provided with sleeves 7 and a hinge rod 9 is passed through the sleeves and is provided with detachable elbows 10 to which sections of pipes 11 are detachably connected. These sections of pipe serve as portions of the adjustable

standards 12 which also include the sliding rods 13 which telescope the pipe sections 11 whereby the standards may be longitudinally adjusted to any desired length. Openings are provided in the rods 13 and are adapted to register with openings in the sections 11 whereby cotter pins 14 may be employed to lock the two sections together. It will be seen from this construction that the portions 13 serve as extensions which may be lengthened or shortened as desired whereby the platform 4 may be held in a horizontal plane. The lower end of each member 13 is provided with an S-shaped hook 16 one portion of which is adapted to receive a rung of the ladder when the device is in the full line position shown in Fig. 1. The dotted line position as indicated in Fig. 1 shows how the apparatus may be utilized when the platform 4 is to be used to support a scaffolding or other platform upon which the workmen may stand while working.

Minor changes may be made in the details of construction without departing from the spirit of the invention or the scope of the claim hereunto appended.

What is claimed is:—

In a ladder platform, the combination with a ladder having cross rungs, of a platform having removable spaced cleats at one end to receive one of the rungs, said platform being provided with bearing sleeves at the opposite end of the platform and having a hinge pin extending through said sleeves, elbows detachably connected with the ends of said pin, telescopic members detachably connected with the elbows and extending at right angles to said hinge pin, said telescopic members each comprising an extension sleeve and a rod, said sleeve and rod in each telescopic member having openings adapted to register with each other, means for locking the extension sleeves and rods in an adjusted position, and S-shaped hooks formed integral on the free end of each of the telescopic members to engage the rungs of the ladder.

In testimony whereof, I have affixed my signature in the presence of two witnesses.

CLARENCE A. BUTRUM.

Witnesses:

IDA JACOBS,
NORA E. BEEBE.