Oct. 9, 1923.

1,469,967

J. SEDVIEK

SCAFFOLD HANGER

Filed June 3, 1921

FIG. 1.

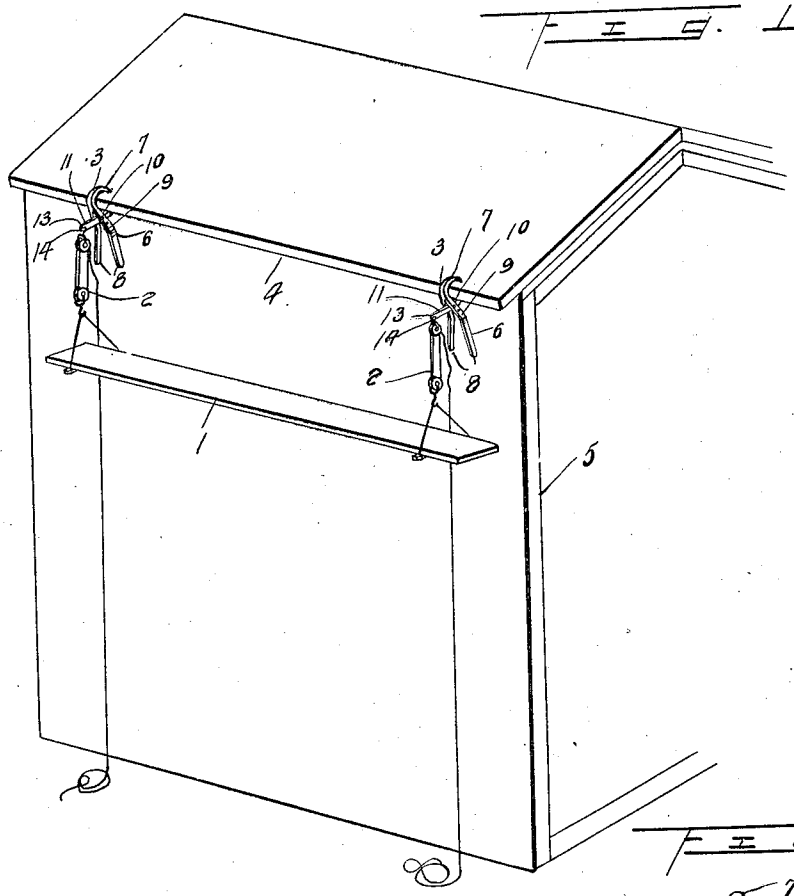


FIG. 3.

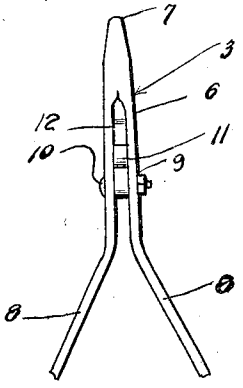
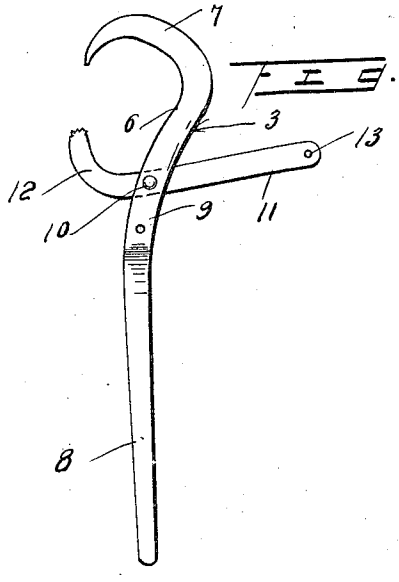


FIG. 2.



Inventor
J. Sedviek.

By A. L. Randolph Jr. Attorney

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UNITED STATES PATENT OFFICE.

JOHN SEDVIEK, OF SEATTLE, WASHINGTON.

SCAFFOLD HANGER.

Application filed June 3, 1921. Serial No. 474,793.

To all whom it may concern:

Be it known that I, JOHN SEDVIEK, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented certain new and useful Improvements in Scaffold Hangers; 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.

This invention relates to new and useful improvements in scaffold hangers and has for its primary object the provision of means for easily and quickly attaching the hoisting mechanism of a scaffold to a building and which will increase its holding action on the building as the weight and strain is increased thereon.

Another object of the invention is the provision of a scaffold hanger of the above stated character which will be simple, durable and efficient, and which may be manufactured and sold at a comparatively low cost.

With these and other objects in view as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combination, and arrangement of parts as will be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which:—

Figure 1 is a perspective view illustrating my invention supporting a scaffold to a building,

Figure 2 is a side elevation illustrating one of the gripping elements,

Figure 3 is a rear elevation illustrating the same.

Referring in detail to the drawings, the numeral 1 indicates a platform of a scaffold and which is equipped adjacent each end with block and tackle 2. The blocks and tackles have connected thereto gripping elements 3 which are adapted to bite or grip the roof 4 of a building 5 so as to attach the scaffold to the building and permit of the platform 1 to be raised and lowered as desired. The gripping elements 3 are identical in construction and reference to one specifically is thought sufficient for both. The gripping elements 3 consist of a body 6 which has formed integrally with one end a curved jaw 7 and the other end of the body 6 has formed integrally therewith arms 8. The arms 8 for a short distance extend in spaced parallel relation as illustrated at 9 and then are bent to extend in diverging planes and are adapted when applied to a building to rest against the wall of the building with the jaw 7 in engagement with the roof. The parallel portions of the arms 8 are provided with spaced openings to receive a pivot pin 10, which is adapted to extend through an opening formed in a lever 11. One end of the lever 11 has formed thereon a comparatively short curved jaw 12 adapted to cooperate with the jaw 7 in gripping the roof of the building, while the lever 11 extends outwardly from the wall of the building and is provided with an opening 13 to receive the hooks 14 of the blocks and tackles 2.

The end of the jaw 12 is serrated to aid its gripping action on the building.

The levers 11 of the gripping elements 3 are disposed substantially horizontally in respect to the building and the blocks and tackles depend downwardly therefrom, thus the gripping action of the jaws on the roof will be increased as the weight and strain on the platform increases. The gripping elements 3 permit quick attachment of the scaffold to a building and also will permit adjustment of the scaffold horizontally in respect to the building.

While I have shown and described the preferred embodiment of my invention, it will be understood that minor changes in construction, combination, and arrangement of parts may be made without departing from the spirit and scope of the invention as claimed.

Having thus described my invention what I claim is:—

A scaffold hanger comprising a one-piece body bifurcated to provide spaced arms provided with parallel portions and outwardly diverging portions extending therefrom and adapted at their free ends to abut a building, said body being relatively thick and having a jaw at the other end to engage the building, a lever pivoted intermediate said parallel portion of the arms to the body and

at a distance above the lower ends of said arms, said lever at one end adapted to engage the building to coact with said jaw, the other end of the lever being adapted to support a scaffold, said latter end and said jaw being on the opposite sides of the fulcrum of the lever whereby the weight of the scaffold will maintain the arms, lever and jaw in effective engagement with the building.

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

JOHN SEDVIEK.

Witnesses:

THOMAS J. CLAREY,

REAH M. WHITEHEAD.