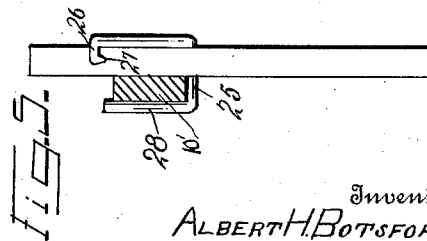
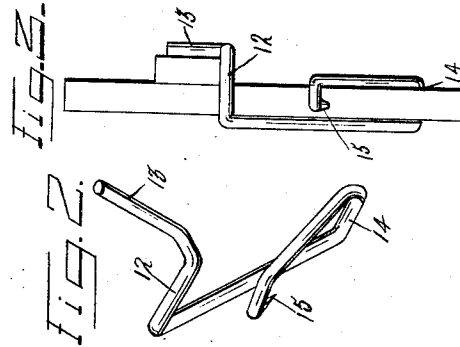
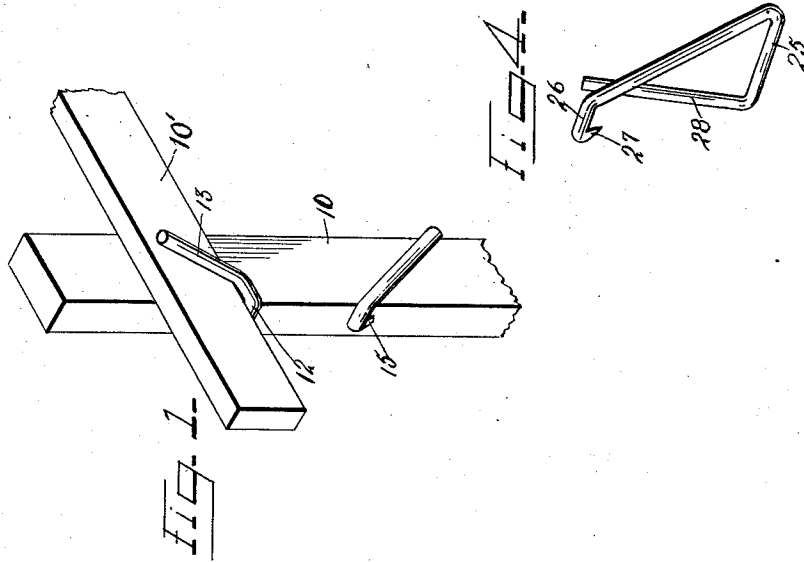


A. H. BOTSFORD.
STAGING.

APPLICATION FILED MAY 24, 1910.

1,007,843.

Patented Nov. 7, 1911.



Witnesses
J. E. Strobel,

Henry D. Ring

Inventor
ALBERT H. BOTSFORD.

By: *Charles Chandler*

Attorneys

UNITED STATES PATENT OFFICE.

ALBERT H. BOTSFORD, OF MANCHESTER CENTER, VERMONT.

STAGING.

1,007,843.

Specification of Letters Patent.

Patented Nov. 7, 1911.

Application filed May 24, 1910. Serial No. 563,159.

To all whom it may concern:

Be it known that I, ALBERT H. BOTSFORD, a citizen of the United States, residing at Manchester Center, in the county of Bennington, State of Vermont, have invented certain new and useful Improvements in Staging; 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 staging.

The object of the invention resides in the provision of a new and improved form of adjustable bracket for application to the uprights of staging to assist in supporting the ends of floor beams associated with the staging.

With the above and other objects in view, the invention consists in the details of construction and in the arrangement and combination of parts to be hereinafter more fully set forth and described.

In describing the invention in detail, reference will be had to the accompanying drawing wherein like characters of reference denote corresponding parts in the several views, and in which,

Figure 1 is a detail perspective view of a fragment of one of the uprights of a staging with the improved bracket applied thereto and supporting one end of a floor beam; Fig. 2, a detail perspective view of the bracket detached from the upright; Fig. 3, a front elevation of what is shown in Fig. 1; Fig. 4, a detail perspective view of a modified form of bracket, and Fig. 5, a detail view showing the modified form of bracket associated with an upright of a staging and supporting one end of a floor beam.

Referring to the drawings 10 indicates an upright of a staging upon which the adjustable bracket is shown mounted. This bracket comprises a single strand of metal bent at one end to form a supporting arm 12 and a retaining arm 13; said supporting arm being horizontally disposed and adapted to lie against one of the faces of the upright 10 while the retaining arm 13 extends upwardly and is spaced away from the upright 10 to permit the insertion of one end of a floor beam 10' of the staging upon the supporting arm 12 within the retaining arm 13. The bracket is further formed by extending its central portion diagonally down-

ward from the supporting arm 12 and against one face of the upright and then bending same to form the arm 14 which is disposed against the opposite face of the upright from the supporting arm 12 and in a lower horizontal plane than said arm. A gripping member is formed by continuing the arm 14 and bending same upwardly and at an angle thereto so as to lie against the face of the upright opposite to that against which the arm connecting the arms 12 and 14 is disposed. This extension of the arm 14 is then bent against the same face of the upright against which the arm 12 is disposed and the terminal thereof is provided with an inwardly projecting prong 15 adapted to engage the face of the upright at a point beneath the supporting arm 12. By this peculiar construction of the bracket it will be apparent that same may be adjusted up and down the upright, while the slightest blow of a hammer against the prong 15 will lodge same in the upright and securely hold the bracket against downward movement, and the weight of the staging when applied to the bracket serving to intensify the engagement between the prong 15 and the upright. The bracket just described is constructed of metal of sufficient flexibility to permit the prong 15 to be drawn away from the upright so that same may be adjusted up and down with despatch.

The modified form of bracket illustrated in Figs. 4 and 5 likewise comprises a single strand of metal bent at opposite ends to form mutually connected spaced arms 25 and 26, said arm 26 having its terminal bent in the form of a prong 27 corresponding to the prong 15 of the bracket illustrated in Fig. 3. The arm 25 is of a length greater than the arm 26 and has its terminal portion bent to form a retaining member 28 which extends upwardly and by reason of the increased length of the arm 25 is spaced away from the upright of the staging when applied thereto to permit the insertion of the end of a floor beam within the member 28 and upon the arm 25. In this form of bracket the prong 27 is adapted to engage the face of the upright and efficiently support the bracket and the weight sustained thereby against downward movement, the weight of the staging when applied to the bracket serving to intensify the engagement between the prong 27 and the upright.

What is claimed is:—

A staging bracket for uprights comprising a pair of mutually connected spaced members disposed in correlative position
5 to embrace opposite faces of an upright at different elevations and a gripping device extending from one of said members and disposed to engage the same face of the up-

right as the upper member, one of said members having a beam supporting portion. 10

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

ALBERT H. BOTSFORD.

Witnesses:

W. R. HARD,

G. L. TOWSLEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."