June 12, 1923. 1,458,666

R. F. STOPPELLO

CLAMP

Filed Dec. 6, 1921

Fig. 1.

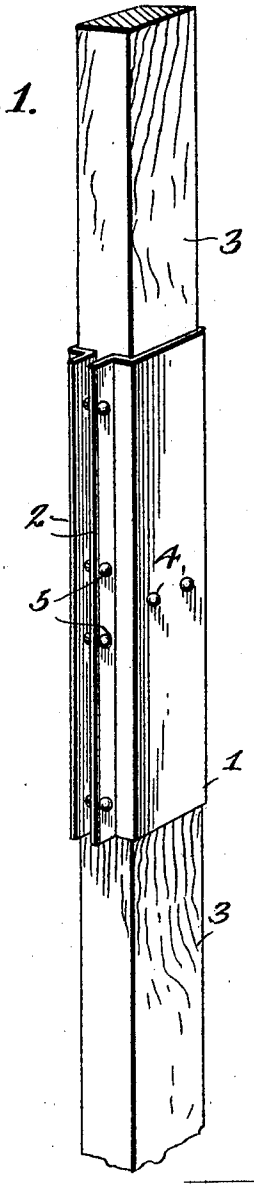


Fig. 3.

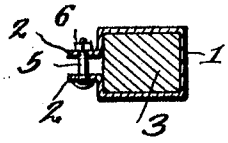


Fig. 4.

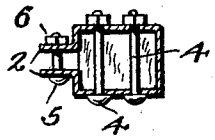


Fig. 2.

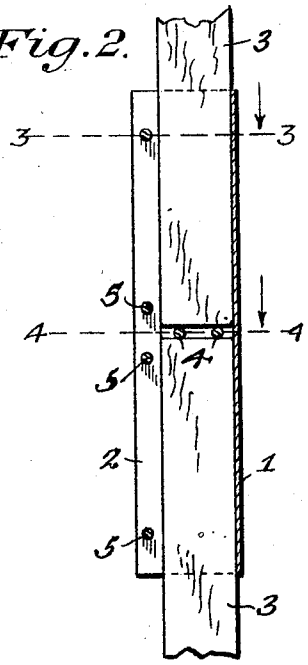
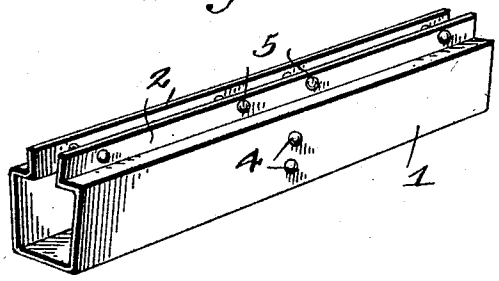


Fig. 5.



Ralph F. Stoppello, INVENTOR.

BY

Richard R. Owen, ATTORNEY.

Patented June 12, 1923. 1,458,666

UNITED STATES PATENT OFFICE.

RALPH F. STOPPELLO, OF PROVIDENCE, RHODE ISLAND.

CLAMP.

Application filed December 6, 1921. Serial No. 520,299.

To all whom it may concern:

Be it known that I, RALPH F. STOPPELLO, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Clamps, of which the following is a specification.

This invention relates to clamps, and has for its object the production of a simple and efficient means for connecting the sections of scaffolding, staging and the like together.

Another object of this invention is the production of a simple clamp which will efficiently attach two sections of scaffolding together, without passing the securing means directly through the scaffolding proper.

With these and other objects in view, this invention relates to certain novel constructions, combinations and arrangements of parts as will be hereinafter fully described and claimed.

In the drawings:

Figure 1 is a perspective view of the clamp shown in an operative position.

Figure 2 is a vertical section through the clamp.

Figure 3 is a section taken on line 3—3 of Figure 2.

Figure 4 is a section taken on line 4—4 of Figure 2.

Figure 5 is a perspective view of the clamp detached from a supporting means.

By referring to the drawings it will be seen that 1 designates the clamp, which is formed of sheet metal, such as sheet iron and the like. The clamp comprises a rectangular body formed to constitute a box-like structure, having its longitudinal side edges bent laterally to constitute parallel flanges 2.

A frame, such as a scaffold, may have its standards or beams 3 fitted in the respective ends of the clamp 1, the inward movement of the standards being limited by means of the transversely extending stop bolts 4, these bolts 4 being arranged in parallel relation and intermediate the ends of the clamp 1, as shown in Figure 2. The clamp 1 is tightly clamped around the standards 3 by means of the clamping bolts 5, which pass through the flanges 2. These bolts 5 carry nuts 6, which facilitate the clamping of the clamp tightly upon its support.

From the foregoing description, it will be seen that the clamp 1 comprises a box-like structure, which practically surrounds the support to which the clamp is secured, the flanges 2 being bent laterally from one side of the clamp near the center of one side of the clamp. By means of the structure shown, it will be seen that two sections of material may be efficiently secured together and held in proper alignment without the necessity of passing bolts or other securing means through the sections of material. It will also be seen that the material to which the clamp has been attached will remain uninjured or marred by the use of the clamp.

From the foregoing description it should be understood that changes in design and size, as well as other mechanical changes may be employed without departing from the spirit of the invention, so long as these changes fall within the scope of the appended claim.

Having described the invention, what is claimed is:

A clamp of the class described comprising a box-like body formed of sheet metal, integral flanges formed longitudinally upon one side of said body and arranged near the center of the body and projecting laterally therefrom, clamping bolts passing through said flanges, and stop bolts passing transversely through said body intermediate the ends of the body for limiting the movement of an end of a support through the clamp and constituting an abutment for two adjoining ends of alined support sections.

In testimony whereof he affixes his signature in presence of two witnesses.

RALPH F. STOPPELLO.

Witnesses:

ANTONIO ROMANO,

LUCY ROMANO.