

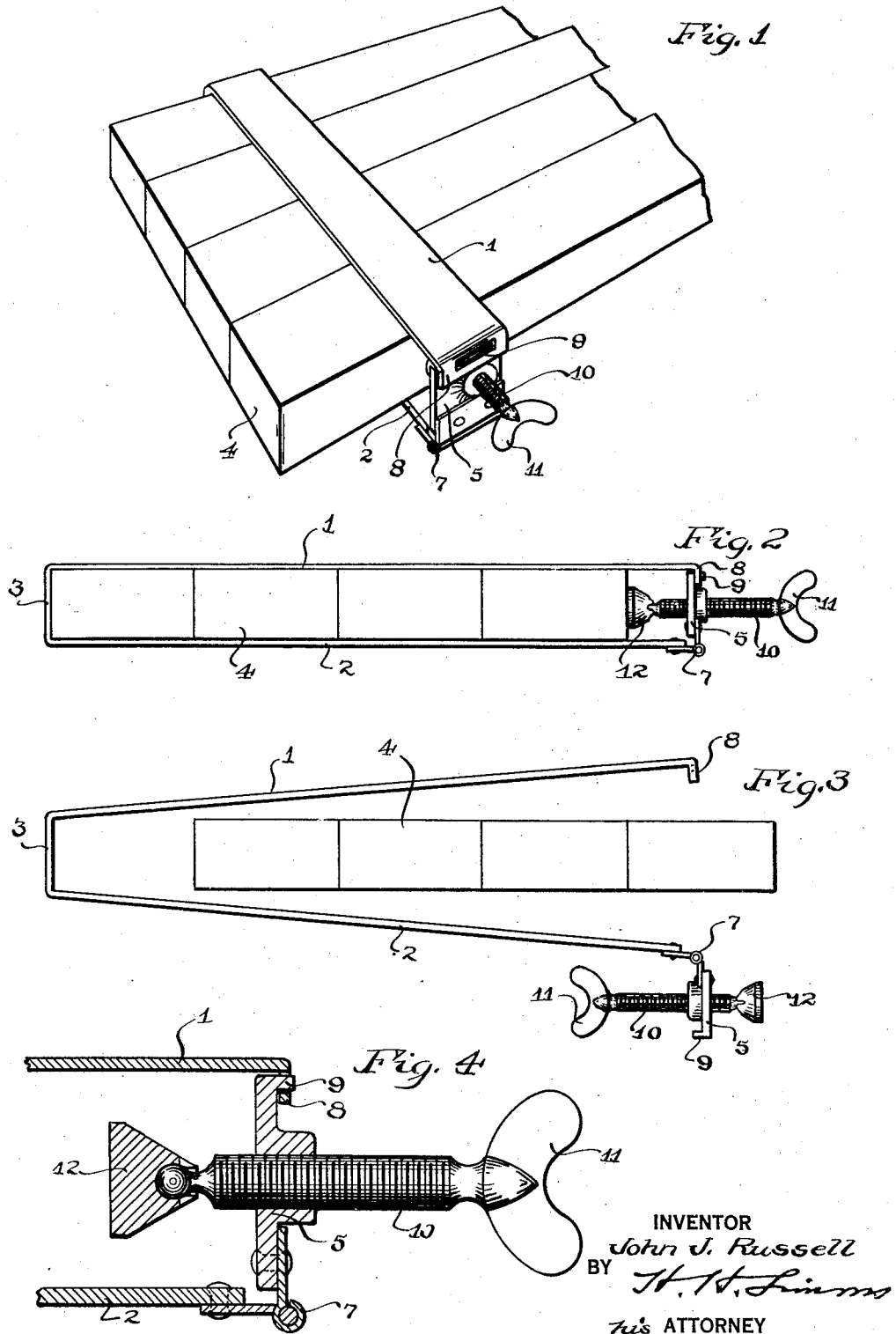
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CLAMP

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UNITED STATES PATENT OFFICE

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CLAMP

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The present invention relates to clamps and an object thereof is to provide a novel construction which may be employed for quickly securing together the planks of a scaffolding platform or other structure where it is desired to form a temporary platform.

To this and other ends, the invention consists of certain parts and combinations of parts, all of which will be hereinafter described: the novel features being pointed out in the appended claims.

In the drawings:

Fig. 1 is a fragmentary view of a scaffolding platform held together by one of the clamps;

Fig. 2 shows the clamp in side elevation in closed position;

Fig. 3 is a view showing the manner in which the clamp is passed about the platform; and

Fig. 4 is an enlarged fragmentary sectional view of the clamp.

In the illustrated embodiment of the invention, the body of the clamp is formed of two parallel members 1 and 2 secured each at one of their ends to a connecting piece 3 which, in this instance, is formed from one piece of strap iron with the parallel portions 1 and 2, the metal of the body being slightly resilient so that the portions 1 and 2 may be separated to pass about the platform pieces 4. The free ends of the U shaped member thus formed are then secured together.

The securing means, in this instance, comprises a connector 5 which through a hinge 7 is secured to the member 2, the other member having a laterally turned portion 8 provided with an opening through which a lug 9 on the swinging end of the connector may be passed. A clamping screw 10 with a thumb nut 11 at the outer end and abutment 12 swiveled on the inner end is adjustable in the connector 5 to cause the abutment 12 to bear against that piece of lumber adjacent the connector so as to force all of the pieces toward the connecting piece 3.

This invention makes it possible to quickly assemble and dismantle a platform of a scaffolding or the like while holding the planks in close, firm relationship, thus obviating the

use of nails, and adding to the life of the lumber.

What I claim as my invention and desire to secure by Letters Patent is:

1. A clamp comprising two substantially parallel arms, a connecting piece securing the arms together at one end substantially in parallel relation, a movable connector between the other ends of the arms, hinged to one of the arms on an axis extending transversely of such arm to swing away from the other arm and open the space between them, and having a detachable connection with the other, and a clamping screw adjustably mounted on the connector.

2. A clamp comprising two substantially parallel arms, a connecting piece securing the arms together at one end substantially in parallel relation, a movable connector between the other ends of the arms hinged to one of said arms to swing about a fixed axis transversely of said arm and having a laterally extending projection on the outer face thereof, the other arm having an inwardly extending portion provided with an opening in which the laterally extending projection extends, and an adjustable clamping device carried by said movable connector.

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