T. NEWTON & H. JOURDAN.

CLAMP.

APPLICATION FILED DEC. 22, 1908.

925,828. Patented June 22, 1909.

Fig. 1

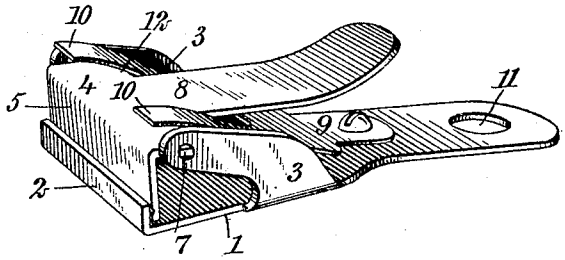
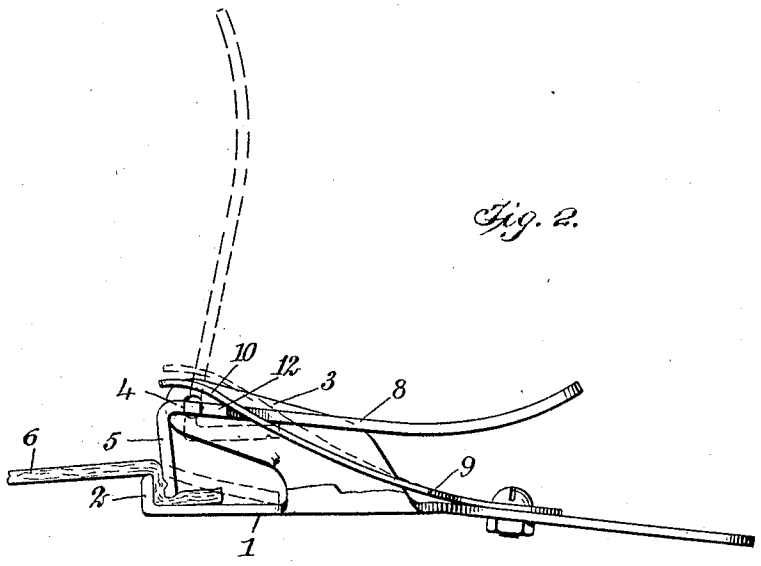


Fig. 2.



WITNESSES

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THOMAS NEWTON AND HENRY JOURDAN, OF CAMDEN, NEW JERSEY.

CLAMP.

No. 925,828. Specification of Letters Patent. Patented June 22, 1909.

Application filed December 22, 1908. Serial No. 468,847.

To all whom it may concern:

Be it known that we, THOMAS NEWTON and HENRY JOURDAN, citizens of the United States, and residents of Camden, in the county of Camden and State of New Jersey, have invented a new and Improved Clamp, of which the following is a full, clear, and exact description.

Our invention relates to clamps, and has for its object to provide a clamp for leather and other goods, in which a member is provided with a flange at one end and arms to which are pivoted a movable member having a flange which is adapted to engage the flange on the first named member, there being shoulders on the pivoted member against which a spring presses to hold the pivoted member firmly in an open or closed position, the spring being secured to the first named member.

Still other objects of the invention will appear in the following complete description.

In this specification we will describe the preferred form of our invention, but it will be understood that we do not limit ourselves thereto, as we consider ourselves entitled to all forms and embodiments of the invention which may be held to fall within the scope of the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both the figures, in which—

Figure 1 is a perspective view of the invention; and Fig. 2 is a side elevation of the clamp showing one of the arms broken away.

By referring to the drawings, it will be seen that a member 1 is provided, which has a flange 2 substantially at right-angles thereto, and arms 3, one at each side, the arms being also disposed substantially at right-angles to the member 1, the flange and the arms being disposed in the same direction. The rear of the member 1 is bent downwardly so that the front and rear of the bottom of the member form an obtuse angle, but it will be understood that this is a mere matter of construction and that the device may be manufactured with the member 1 substantially flat. The arms 3 extend forwardly, and at a short distance behind the plane of the flange 2, a member 4 is pivoted to the arms 3, the member 4 having a flange 5 which is adapted to engage the inner side of the flange 2, so that material 6 may be held between the flanges. The member 4 extends rearwardly from trunnions 7, by which it is pivoted to the arms 3, for its full width a short distance, and a tongue 8 then forms a continuation of the member 4, the tongue being integral with said member. To the member 1 is secured a leaf spring 9, said spring having bifurcated arms 10 between which the tongue 8 is disposed, the bifurcated arms 10 pressing against the rear of the member 4. In the rear of the member 1 there is an orifice 11 by which the clamp may be secured or be supported.

In using our invention, the tongue 8 is lifted upwardly, which throws the flange 5 rearwardly and away from the flange 2, and the material 6 may be inserted over the flange 2 until it strikes the arms 3, where they join the member 1. When the tongue 8 is lifted upwardly, the rear portions 12 of the member 4 are raised and the bifurcated arms 10 press against them to hold the member 4 in this position. When the material 6 has been inserted in the clamp, as has been described, the tongue 8 is pushed downwardly, which causes the rear portions 12 of the member 4 to move from substantially a perpendicular position to a horizontal one, and as they reach the latter position, the bifurcated arms, which continue to engage them, press down against the rear portions 12 of the member 4 to hold them yieldingly in this position, but with sufficient force to keep the flange 5 pressing against the material 6, which separates it from the flange 2.

Having thus described our invention, we claim as new, and desire to secure by Letters Patent:

1. In a clamp, a member having a flange and arms disposed substantially at right-angles thereto, a second member pivoted to the arms, the pivoted member having a flange which is adapted to be disposed in close proximity to the flange on the first named member, the pivoted member extending rearwardly a short distance beyond its pivoted portion and having a rearwardly extending tongue which is less in width than the pivoted member, the pivoted member having rear portions at either side of the tongue, and a leaf spring secured to the first named member, the spring having bifurcated arms which rest on the rear of the pivoted member one at either side of the rearwardly extending tongue.

2. In a clamp, a member having a flange

sides disposed at right angles thereto, a second member pivoted to the arms, the pivoted member having a flange, which is adapted to be disposed in close proximity to the flange on the first named member, the said members extending rearwardly beyond their pivoted connection, the first named member extending a relatively greater distance in that direction, a rearwardly extending tongue secured to the second member, which is less in width than the second member, the second member having rear portions at either side of the tongue, a leaf spring, a surface of which is secured against the upper side of the first named member at a distance from its rear terminal, the spring having bifurcated arms, which rest on the rear of the pivoted member, one at either side of the rearwardly extending tongue, and means on the first member in the rear of the spring by which a rope may be secured thereto.

In testimony whereof we have signed our names to this specification in the presence of two subscribing witnesses.

his
THOMAS × NEWTON.
mark
HENRY JOURDAN.

Witnesses:
ADAM T. DAVIS,
LEWIS BENNETT.