No. 758,262. PATENTED APR. 26, 1904.

P. LYDEN.

CLAMP.

APPLICATION FILED OCT. 1, 1903.

NO MODEL.

Fig. 1.

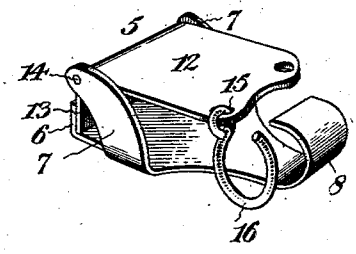


Fig. 2.

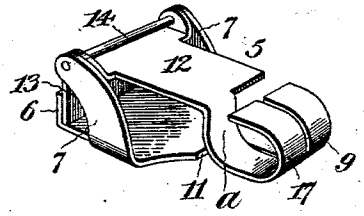


Fig. 3.

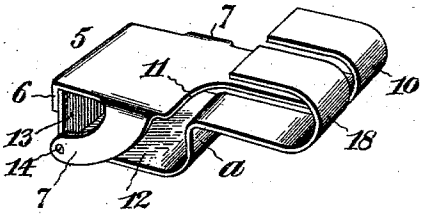
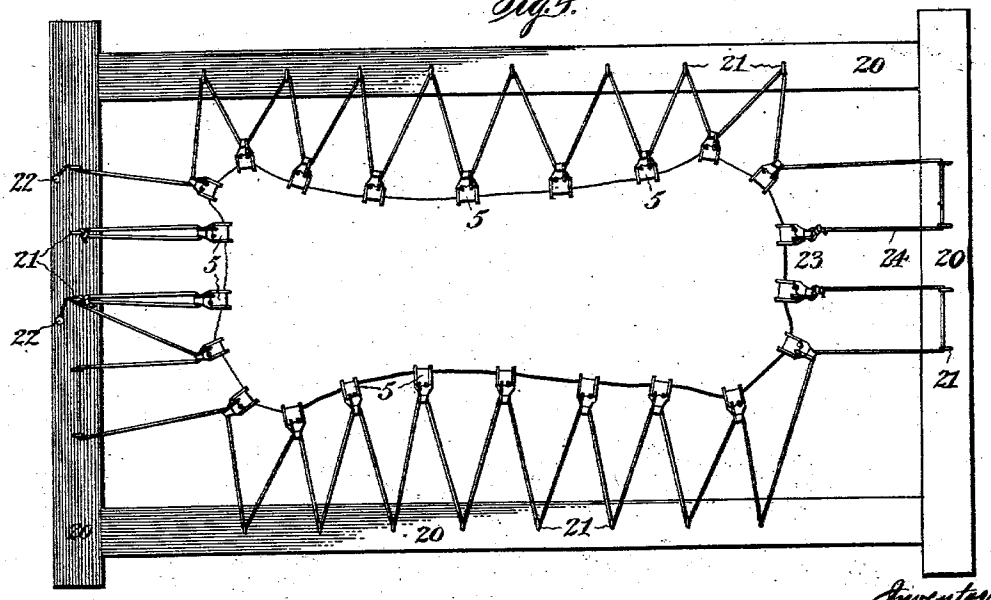


Fig. 4.



Witnesses:
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No. 758,262. Patented April 26, 1904.

UNITED STATES PATENT OFFICE.

PATRICK LYDEN, OF BURLINGTON, NEW JERSEY.

CLAMP.

SPECIFICATION forming part of Letters Patent No. 758,262, dated April 26, 1904.

Application filed October 1, 1903. Serial No. 175,380. (No model.)

To all whom it may concern:

Be it known that I, PATRICK LYDEN, a citizen of the United States, residing in Burlington, in the county of Burlington and State of New Jersey, have invented certain new and useful Improvements in Clamps; 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, reference being had to the accompanying drawings, and to characters of reference marked thereon, which form a part of this specification.

My invention relates to clamps for stretching hides or skins and takes the place of the customary "toggle" used in the stretching operation, wherein the hides must be perforated along their edges to insert the short toggle-strings, which are tied at one end to the toggles and the other end is tacked to the frame.

The object of this invention is to provide a toggle-clamp whose clamping member can be locked against accidental displacement by the lacing-cord.

Referring to the drawings, in which like parts are similarly designated, Figure 1 represents a clamp whose body is provided with a hook and whose clamping member is also provided with a hook, but loosely attached thereto. Fig. 2 is a modification in which the hook on the clamping member is integral therewith. Fig. 3 shows a similar device in which the two hooks are reversed relatively to the clamp, and Fig. 4 shows the clamps in use and laced to the stretching-frame.

The body of the clamp 5 has a front lip 6, lateral ears 7, and a central hook 8 at the back, or the hook may be to one side of the center line of the body, as shown at 9 and 10, Figs. 2 and 3, the body being cut away at 11 to permit the hook on the clamping member to register laterally with the hook on the body. The clamping member 12 has a front lip 13, that sets behind the front lip 6 on the body, and pivot-pins 14, taking into perforations in the ears 7. At the back of the clamping member, Fig. 1, is an eye 15, in which is loosely fixed a hook 16, of wire, registering laterally with the hook on the body. In Figs. 2 and 3 this hook is shown integral with the clamping member at 17 and 18, there being a shoulder or vertical portion *a* between the hook and the clamping member.

In practice the tanned (and the case may be dyed) skin is placed in a frame 20, provided with a number of hooks 21. To the neck of the hide is secured two or more clamps that are tied to the frame at 22. A workman at each side of the frame then secures a clamp at the butt of the skin at 23, the lacing-cord 24 being secured at one end to this first clamp. Then both men work along the frame, securing clamps along the edge of the hide as is required, working from the butt toward the neck, passing the lacing-cord from the hooks on the frame to those on the clamps back and forth, and finally tacking the end of the lacing-cord to the frame near the neck end of the skin. The lacing-cord passes through both the hook on the body and the one on the clamping member, so that the clamping member is prevented from opening during subsequent manipulation of the skin on the frame. In practice I prefer to make the entire device of two pieces of sheet metal. Now when the enamel has been put on the skin some of it often gets into the jaws of the clamp, and after baking it is difficult to open the clamps, and to this end I have formed the hooks on both body and clamping member sufficiently long to form a handle to enable the workman to get a good hold on the parts to open them.

Having thus described my invention, what I claim as new therein, and desire to secure by Letters Patent, is—

1. In a clamp for stretching skins, a body, a hook thereon, a clamping member and a hook on the clamping member, whereby a lacing-cord passing through the hooks will hold the clamp locked, substantially as set forth.

2. In a clamp for stretching skins, a body having a hook thereon and a clamping member having a hook integral therewith and registering with the hook on the body, substantially as set forth.

3. A clamp for stretching skins, comprising a body having a front lip, ears and a hook oppositely directed to the lip, a clamping member having a lip and a hook to register with

the hook on the body, said clamping member pivoted in the ears, substantially as set forth.

4. In a clamp for stretching skins, a body having a hook thereon situated at one side of the body and a clamping member having a hook situated at one side of said member, said hooks adapted to substantially register.

5. In a clamp for stretching skins, a body having an elongated hook and a clamping member also having an elongated hook, both hooks adapted to register and forming handles to open the clamp, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

PATRICK LYDEN.

Witnesses:
F. C. DAENBER,
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