

J. A. BAGBY.
CLAMP.

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1,097,285.

Patented May 19, 1914.

Fig. 1

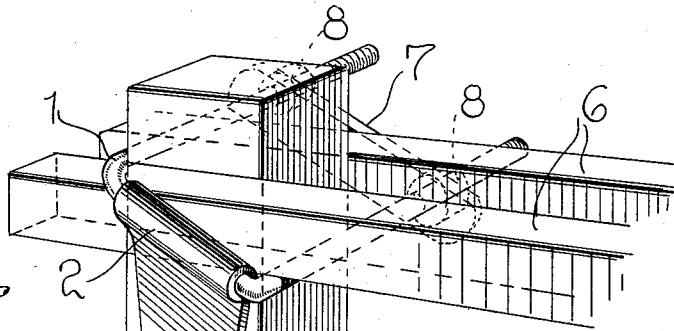


Fig. 2

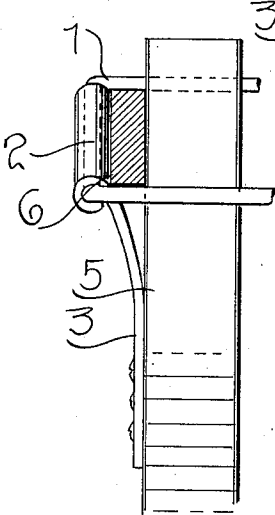
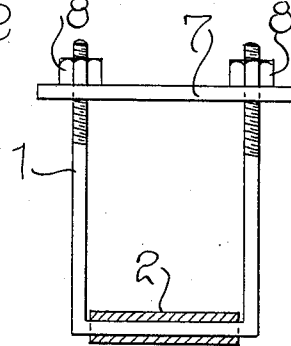


Fig. 3



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JAMES A. BAGBY, OF STOCKPORT, IOWA.

CLAMP.

1,097,285.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JAMES A. BAGBY, a citizen of the United States, residing at Stockport, in the county of Van Buren and States of Iowa, have invented certain new and useful Improvements in Clamps, of which the following is a specification, reference being had to the accompanying drawings.

This invention comprehends certain new and useful improvements in clamps and has for its primary object to provide a clamp of improved and simplified construction which may be composed of the minimum number of parts and may be readily employed for clamping together two or more pieces of timber.

Another object is to provide a device of this character which will be especially adapted for use at the corners of scaffolds and similar places and which will securely clamp together the members forming the structure without the necessity of boring openings in the timber, thereby weakening the same and allowing moisture to reach the interior of the timber and thereby cause the same to decay.

A further object is to generally improve and simplify the construction and operation of devices of this character and increase the efficiency of the same without increasing the cost of manufacture thereof.

With the above and other objects in view, my invention consists in certain novel constructions, combinations, and arrangements of parts to be hereinafter more fully described, claimed, and illustrated in the accompanying drawings, in which,

Figure 1 is a perspective view of my invention in use; Fig. 2 is a side elevation thereof; and Fig. 3 is a top plan view of the device partly in section.

Referring more specifically to the drawings in which similar reference characters designate corresponding parts throughout the several views, 1 designates the U-shaped or staple member of my device which has its main or central portion engaged in the rolled end 2 of the strap member 3, which has a plurality of longitudinally arranged openings 4, through which suitable securing means may be engaged for securing said strap member 3 to one of the scaffold members 4. It will be seen that the rolled end 2 of the strap member 3 is turned at an oblique angle to the main portion of said strap member,

thereby placing the legs of the U-shaped or staple member 1 in different horizontal planes when the strap member 3 is secured in vertical position and vice versa. The purpose of this will presently appear. When the strap member 3 is secured longitudinally upon one scaffold member 5, the legs of the U-shaped or staple member will, when extended at right angles to the strap member 3, engage upon opposite sides of said scaffold member 5 of the scaffold member or members 6 positioned at right angles to said scaffold member 5 and engaged against opposite sides of the same and through the U-shaped or staple member 1, a suitable plate 7 being secured upon the free threaded ends of the U-shaped or staple member 1 by nuts 8 or other suitable means, to clamp the scaffold member or members 6 in proper position against the scaffold member 5.

From the foregoing, it will be clearly apparent that I have provided a clamp which will be highly efficient in use as well as extremely simple and cheap in construction and which will securely clamp together scaffold members or the like placed at right angles to one another without the necessity of boring openings through said members and thereby weakening the same and allowing water and moisture to find its way to the interior of said members and thereby cause deterioration thereof.

While I have shown the preferred embodiment of my invention, it will be understood that minor changes in the details of construction and arrangement of parts may be made within the scope of the appended claims without departing from the spirit of my invention or sacrificing any of the advantages of the same.

What I claim is:—

1. A device of the class described comprising a strap member having one end rolled at an angle to the main portion of said strap member, a U-shaped member secured in said rolled end of the strap member, and a clamp plate secured upon the legs of said U-shaped member.

2. A device of the class described comprising a strap member having one end rolled and extended at an oblique angle to the main portion of said strap member, said strap member being provided with a plurality of longitudinally arranged openings through which securing means may be engaged to secure the strap member to a struc-

ture member, a U-shaped member having its
central portion secured in the rolled end of
the strap member, the legs of the U-shaped
member being engaged upon opposite sides
5 of the structure member to which the strap
member is secured, said legs of the U-shaped
member being also adapted for engagement
upon opposite sides of structure members
positioned against the first mentioned struc-
10 ture member and at right angles to the same,

and means secured upon the legs of the U-
shaped member for clamping together the
structure members.

In testimony whereof I hereunto affix my
signature in the presence of two witnesses. 15

JAMES A. BAGBY.

Witnesses:

HARLEY BAGBY,
M. C. MOTT.

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