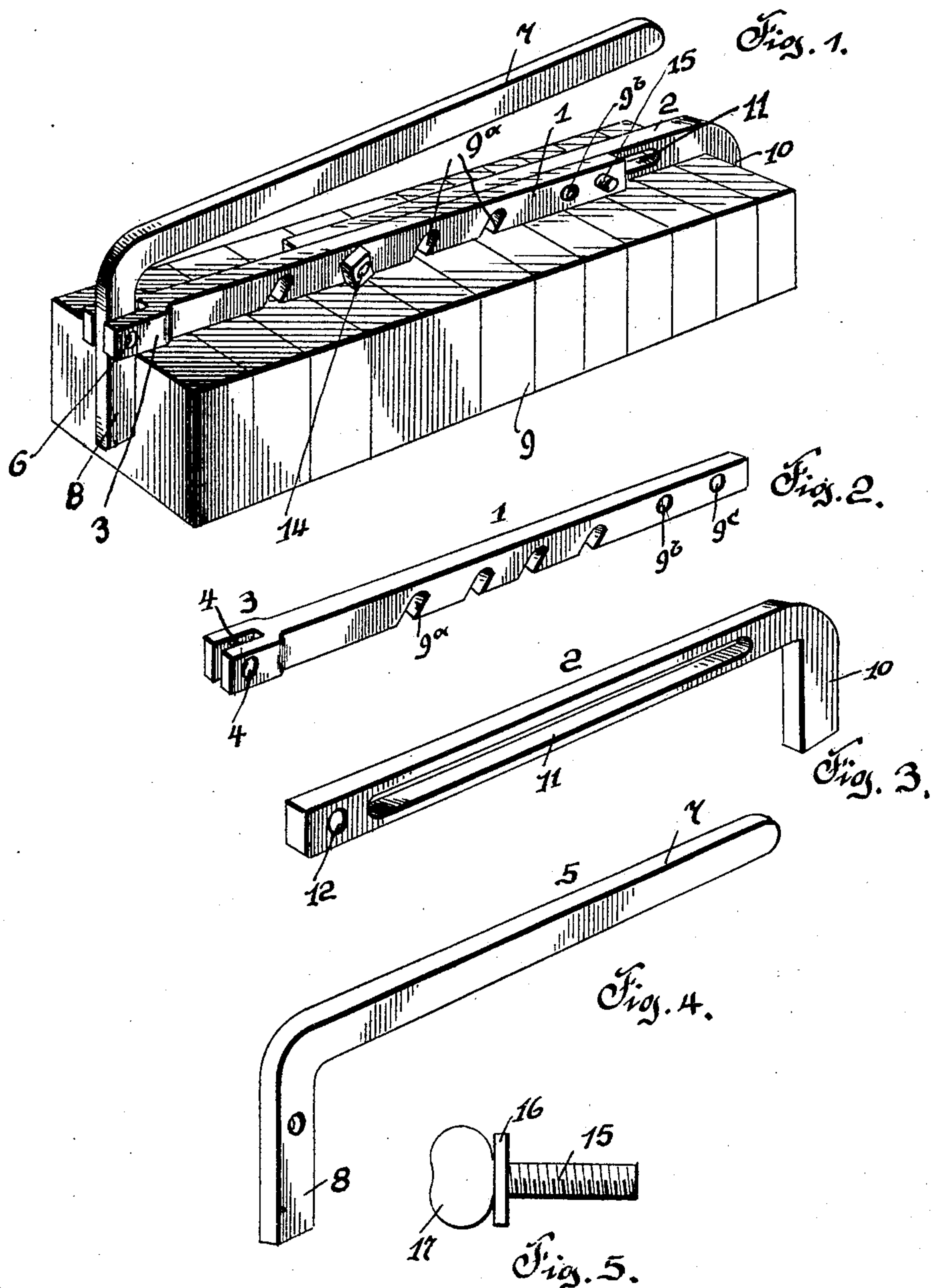


No. 835,376.

PATENTED NOV. 6, 1906.

P. STEWART.  
BRICK CLAMP.

APPLICATION FILED JAN. 27, 1906.



Witnesses:  
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# UNITED STATES PATENT OFFICE.

PAUL STEWART, OF PITTSBURG, PENNSYLVANIA.

## BRICK-CLAMP.

No. 835,376.

Specification of Letters Patent.

Patented Nov. 6, 1906.

Application filed January 27, 1906; Serial No. 298,202.

*To all whom it may concern:*

Be it known that I, PAUL STEWART, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Brick-Clamps, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to certain new and useful improvements in brick-clamps; and the invention has for its primary object the provision of novel means whereby a clamp may be adjusted to grip a variable number of bricks.

Another object of this invention is the provision of novel means in connection with a brick-clamp whereby various kinds of bricks may be readily gripped and easily carried.

A further object of this invention is to provide an adjustable brick-clamp which will be extremely simple in construction, strong and durable, comparatively inexpensive to manufacture, and easy to manipulate.

With the above and other objects in view the invention consists in the novel construction, combination, and arrangement of parts to be hereinafter more fully described and claimed; and referring to the drawings accompanying this application like numerals of reference designate corresponding parts throughout the several views, in which—

Figure 1 is a perspective view of my improved clamp, showing the same engaging a plurality of bricks. Fig. 2 is a perspective view of one of the adjustable members of the clamp. Fig. 3 is a similar view of another adjustable member of the clamp. Fig. 4 is a perspective view of a gripping-lever, and Fig. 5 is a detail elevation of a screw and washer used in connection with the clamp.

To put my invention into practice, I employ two members 1 and 2, which are adjustably connected together, as will be presently described. The member 1 consists of a bar of steel or iron having a bifurcated end 3, which is pierced, as at 4 4, to permit of a gripping-lever 5 being pivotally mounted in the bifurcated end 3 on a pin 6. The gripping-lever consists of a shank 7, having a depending end 8, which is adapted to engage one end of a row of bricks 9, to be carried by the clamp. The member 1 has its bottom edge provided with a plurality of angularly-disposed slots or recesses 9<sup>a</sup>, while its one end is provided with transverse openings 9<sup>b</sup>

and 9<sup>c</sup>. The member 2 consists of a bar of steel or iron, having a depending end 10, which is adapted to engage the opposite end of the row of bricks 9. The member 2 is provided with a longitudinally-disposed slot 11 and with a transverse opening 12.

To connect the members 1 and 2 of the clamp together, the screw-threaded opening 12 of the member 2 is provided with a pin or screw-bolt 14, which is adapted to engage in one of the angularly-disposed slots 9<sup>a</sup> of the member 1. To retain the pin or bolt within one of the slots of the member 1, the opening 9<sup>c</sup> of said member is provided with a set-screw or bolt 15, which is passed through the slot 11 of the member 2 to engage in the opening 9<sup>c</sup> of the member 1. The washer 16 is mounted upon the set-screw or bolt, whereby the winged head 17 of the bolt may engage the washer and clamp the member 2 in engagement with the member 1.

The position at which the members 1 and 2 are shown in the accompanying drawings permits of a row of ordinary bricks being gripped, as shown in Fig. 1 of the drawings, and carried by the lever 5. As various kinds and sizes of bricks are manufactured, I have adjustably connected the members 1 and 2 together, whereby the clamp may be adjusted to grip smaller or larger bricks, such as colonial bricks, which are flat and narrow. When bricks of a less width than those shown are to be gripped, the set-screw or bolt 15 is loosened, so as to permit of the member 1 being adjusted longitudinally and relatively to the member 2, and the screw-bolt 14 is removed from the slot in the member 1, in which it has been seated, and placed in another of the slots 9<sup>a</sup> in the same member. The bolt 15 and the screw-bolt 14 are then tightened up, so as to secure the members 1 and 2 in their new position, the adjustment being made so as to lengthen or shorten the clamp, according to the number and widths of bricks to be carried by the clamp.

My invention resides in the novel means above described for adjustably connecting the two members of the clamp together. By the construction of my improved clamp it is possible to carry from three to fifteen or more bricks, according to the length of the members 1 and 2; and I desire it to be understood that the clamp may be made of various sizes and of any desired material.

The two openings 9<sup>b</sup> and 9<sup>c</sup> are provided for the purpose of using, if desired, an addi



tional bolt similar to the bolt 15, when by reason of the clamp being extended to near the limit of its length the strain on a single bolt might prove too much.

5 By the construction of the two members of the clamp it will be observed that these members can be easily and quickly adjusted, whereby a variable number of bricks can be quickly clamped.

10 I am aware of adjustable clamps that have been used before, and the adjusting feature in connection with these clamps requires considerable time and manipulation, where in my improved clamp the same can be easily  
15 and quickly accomplished.

Such changes in the construction and operation of my improved clamp as are permissible by the appended claims may be resorted to without departing from the spirit  
20 and scope of the invention.

What I claim, and desire to secure by Letters Patent, is—

1. A brick-clamp, embodying two members adjustably connected together and a  
25 gripping-lever pivotally mounted in one of said members, one of said members having a depending end, a longitudinally-disposed

slot, and an opening adjacent the end of said slot, the other of said members being provided with a bifurcated end in which said lever is pivotally mounted and with a row of  
30 slots on one edge and an opening adjacent the end of said row of slots and bolts passing one through the slot in the first-named member and the opening in the other member,  
35 the other bolt passing through the opening in the first-named member and one of the slots in the other member.

2. A brick-clamp embodying two members one of which has a depending end and  
40 a lever having a depending end, said lever being pivotally attached to the other of said members, one of said members being provided with a longitudinally-disposed slot and  
45 the other of said members being provided with a plurality of slots, and bolts passing through both members and securing the same together.

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

PAUL STEWART.

Witnesses:

K. H. BUTLER,  
E. E. POTTER.