

No. 828,576.

PATENTED AUG. 14, 1906.

J. H. SHAFFRANK.

BRICK CLAMP.

APPLICATION FILED FEB. 15, 1906.

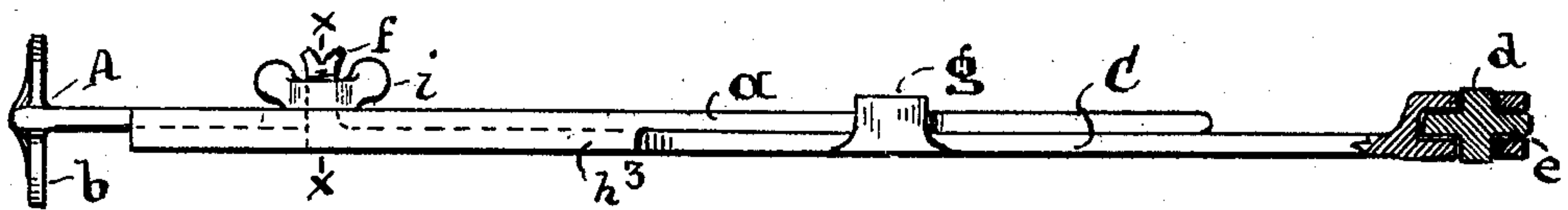


Fig. 1

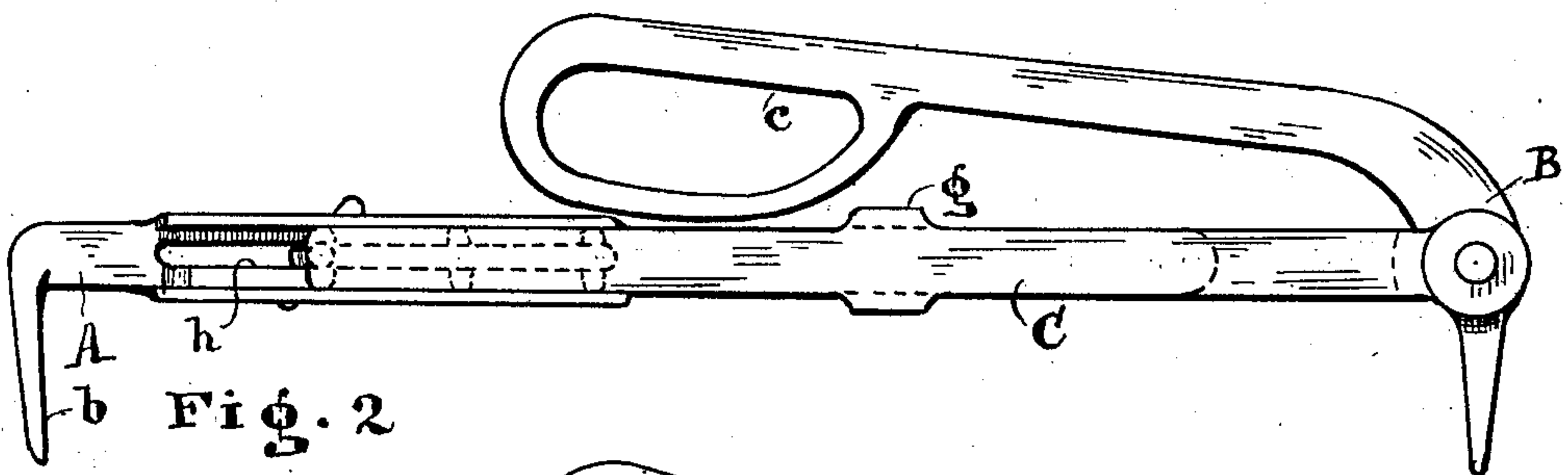


Fig. 2

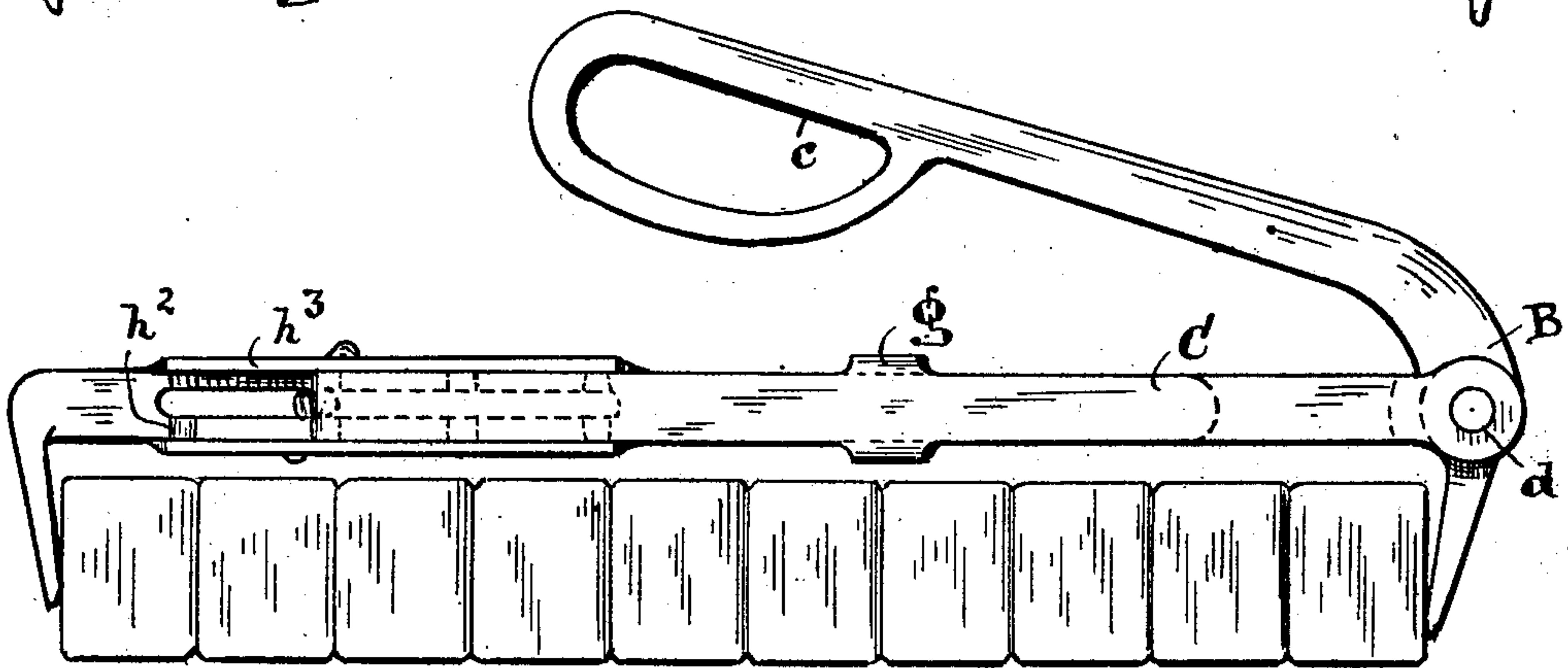


Fig. 3

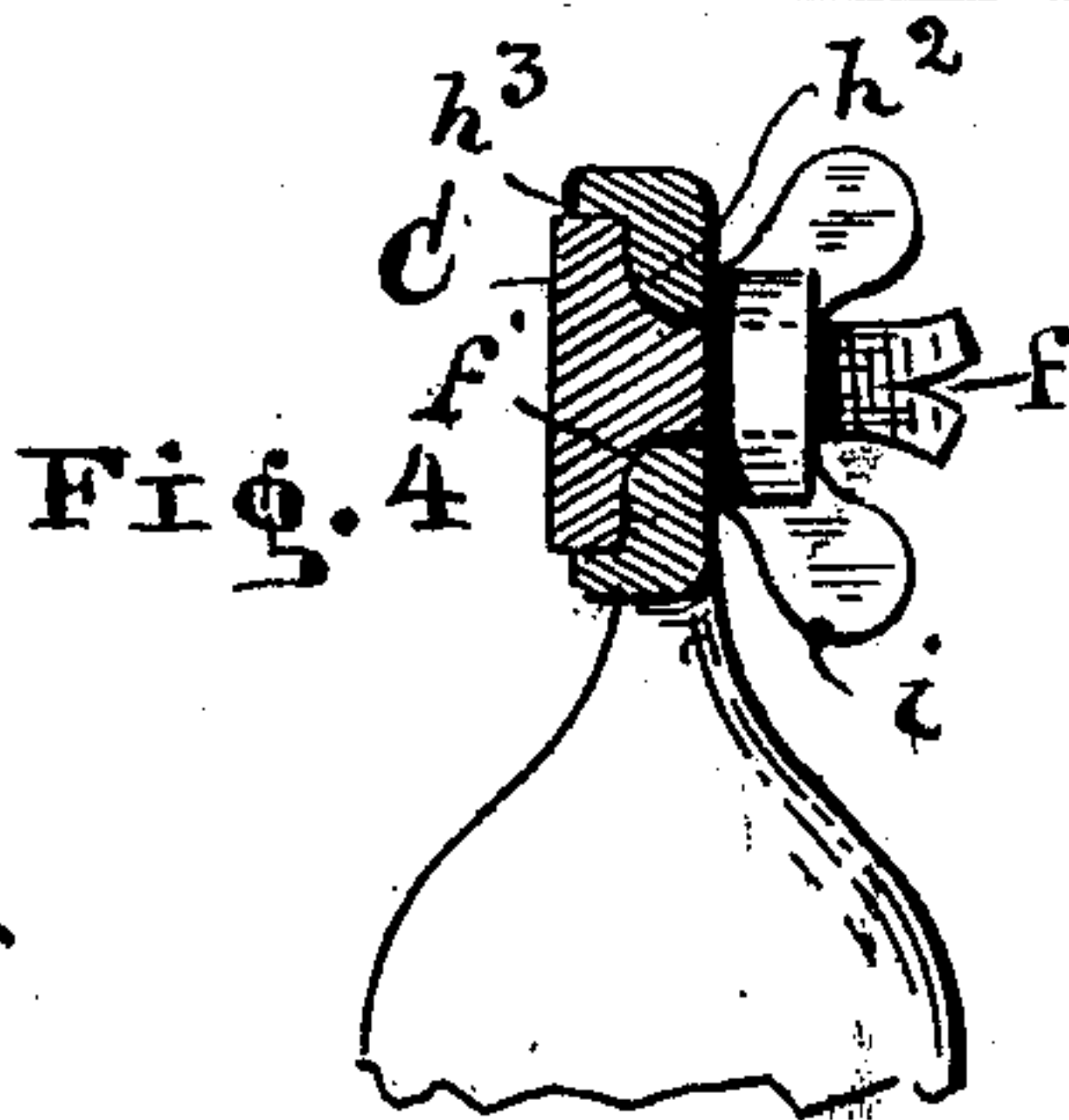


Fig. 4

WITNESSES

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JEROME H. SHAFFRANK, OF CLEVELAND, OHIO.

BRICK-CLAMP.

No. 828,576.

Specification of Letters Patent.

Patented Aug. 14, 1906.

Application filed February 15, 1906. Serial No. 301,156.

To all whom it may concern:

Be it known that I, JEROME H. SHAFFRANK, a citizen of the United States of America, and a resident of Cleveland, county of Cuyahoga, and State of Ohio, have invented certain new and useful Improvements in Brick-Clamps, of which the following is a specification.

My invention relates to certain implements which facilitate the handling of bricks, &c.; and the object of my improvement is to construct such articles in the best possible manner with regard to ease of manipulation, adjustment, and serviceableness. I attain this object in and with a device constructed substantially as shown in the accompanying drawings, in which—

Figure 1 represents a part plan and sectional view of said implement. Fig. 2 is a face view of the same. Fig. 3 illustrates said article when applied for carrying brick, and Fig. 4 is an enlarged transverse sectional view of the same on line $x-x$ (see Fig. 1) looking toward the left.

Like letters of reference denote like parts in the drawings and specification.

Substantially the article consists of three parts—namely, the fixed grab-bar A, the swinging handle-bar and grab B, and the intermediate or adjusting bar C.

The fixed grab A comprises the bar part a and the scoop part b .

With the swinging grab and bar B is combined the loop-handle c . (See Figs. 2 and 3.)

The bar C furnishes adjustable connection of and between the members A and B and pivotal support for the member B, as seen at e , Figs. 1 and 2.

For an extremely simple pivotal connection of member B with the bar C, I prefer to form pins d (cast lugs) integrally with member B and close the openly-cast clevis down over said pins. One terminal of said bar C terminates in a clevis e and the other in a stud f , which projects at right angle to the bar proper. About midway between the terminals of this bar C is provided the clip g , which embraces the free end of member A or bar a , while the screw-threaded stud f extends through slot h of said bar and carries the wing-nut i , whereby the bars can be securely fas-

tened in adjustable positions to suit the distance between a greater or smaller number of bricks. The base of the stud f is slightly curved or enlarged, as at f' . Room for this enlargement is afforded in the depressions h^2 , which are located adjacent to the slot and spaced to suit bricks of different thickness—as, for instance, paving, building, sewer-bricks, &c. Along the slot h the bar a is flanged, as at h^3 , which flanges not only reinforce the slotted part of the bar, but also serve as an additional guide for the bar C. A few turns on the wing-nut i suffice to give clearance for the part f' of the stud f , to be sprung out from the depressions h^2 to enable adjustment of the bars for a certain number of bricks. The free end of the stud is preferably split and spread to guard against accidental loss of the nut. Simply by taking hold of the loop-handle c a certain number of bricks may be grabbed, lifted, and transported.

The loop c affords protection for the brick-handler's hand in grabbing and depositing bricks, and eventually same becomes also useful for connection with a hook or rope when bricks are to be hoisted with such implements.

In arranging the bars side by side and by combining same in the manner as shown a comparatively very light structure will have ample strength to endure the strain and wear in handling bricks or similar articles in an expedient manner.

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

1. In a brick-clamp the combination with the grabbing members, of a bar rigidly connected with one of said members, said bar containing a slot with adjacent depressions; a bar provided with an angularly-projecting threaded stud and nut, a clip and a clevis adapted for adjustable connection with the first-named bar and for pivotally receiving the other grabbing member, the latter having a bar terminating in a loop-handle adapted for manipulation of the implement in the manner as shown and for the purpose described.

2. In a brick-clamp the combination of

members A, B and C, the member A having
a grab rigidly connected with its bar part and
a portion of the bar part being slotted and
flanged, the member B being angular and ter-
minating in a grab and a loop handle and
5 adapted for pivotal connection with the
clevis of member C, the latter having a stud

and clip for adjustable connection with mem-
ber A as and for the purpose set forth.

JEROME H. SHAFFRANK.

Witnesses:

BERNHARD F. EIBLER,
JOSEPH HEKER.