C. GOHLKE.

DEVICE FOR LIFTING TILE.

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1,245,216.

Patented Nov. 6, 1917.

Fig. 1.

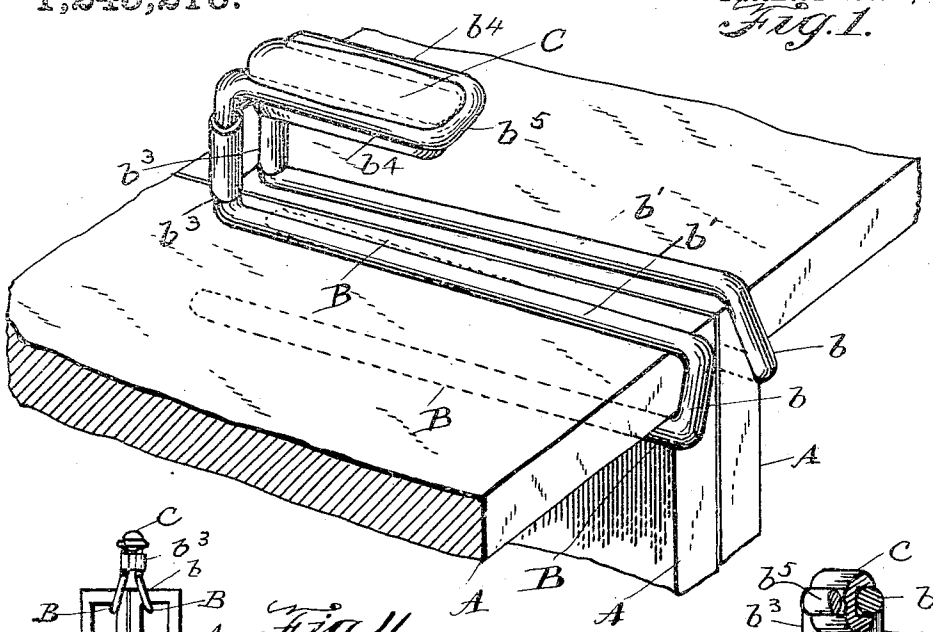


Fig. 4.

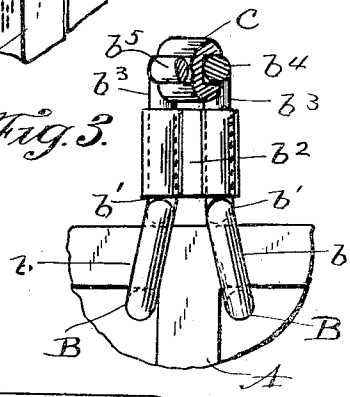


Fig. 3.

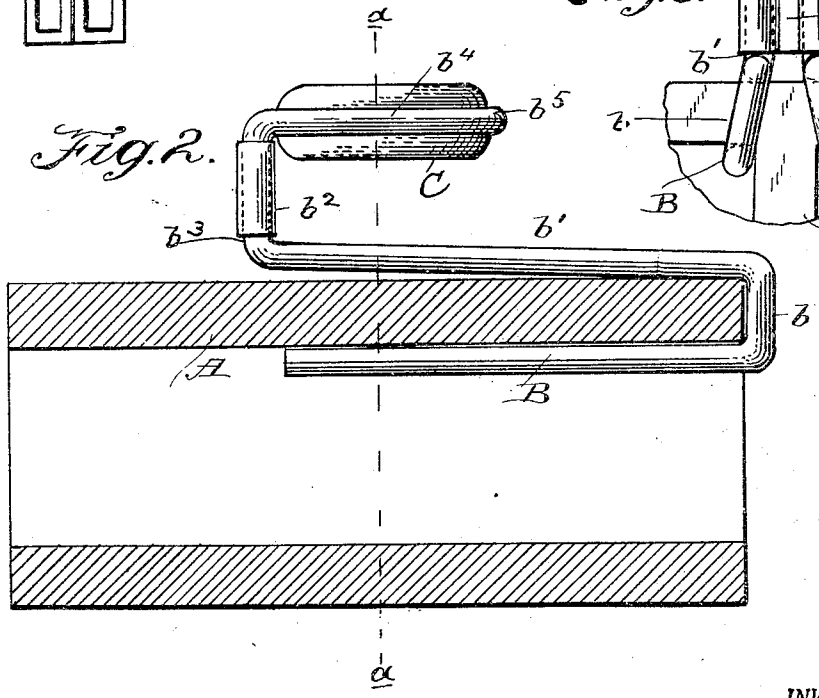


Fig. 2.

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DEVICE FOR LIFTING TILE.

1,245,216. Specification of Letters Patent. Patented Nov. 6, 1917.

Application filed February 28, 1916. Serial No. 80,785.

To all whom it may concern:

Be it known that I, CHARLES GOHLKE, a citizen of the United States, and resident of Berea, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Devices for Lifting Tile, of which I hereby declare the following to be a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same.

The objects of the invention are to provide a device for handling hollow building tile, permitting the tile to be lifted and carried by hand conveniently in every condition of use, when loading and unloading and in the construction of walls, partitions, and flooring of buildings therefrom, without injury to the hands of the workman.

It also permits the workman to handle them more conveniently and rapidly and to lift at least two at once with greater safety and with the expenditure of less effort to himself than would be possible if the tile were lifted by hand.

The invention is simple in construction, of slight initial cost and of great practicability in use.

It also permits the workman to handle the rough tile without the use of gloves, thereby saving him considerable expense, as well as providing a protection for his hands.

The invention comprises a metal fork, a handle and includes at least two prongs, provided with parallel return spring member or members connected with the handle, whereby greater resiliency is afforded and adaptability to overcome inequalities in the surface of the material to be handled when inverting the tool.

The parallel return member also provides in conjunction with the prongs of the fork a gripping means by which the tile can be tilted or turned and manipulated to settle it into its mortar bed in the wall.

The invention further comprises the combination and arrangement of parts hereinafter described, shown in the accompanying drawings and specifically pointed out in the claims.

In the accompanying drawings Figure 1 is a perspective view of the device employed in lifting two building tile; Fig. 2 is a transverse section of a tile showing the device in side elevation; Fig. 3 is an end view of the device. Fig. 4 is an end view showing a couple of tile lifted by the device.

In these views A, A, are hollow tile, B, B, are the horizontal prongs of a spring fork. These prongs are bent upwardly at b, b, and thence rearwardly at b', b', parallel to the prongs to form members between which and the prongs the tire are gripped. To accomplish this the parallel members B and B′ are of about the same length, and are brought close together leaving a space between them little more than the thickness of the wall of the tile A and when the tile is lifted it will be cramped between the members as between jaws and held so that it cannot fall out as the tile is carried about.

These members are then turned upwardly at b^3, b^3 and forwardly at b^4, b^4 to form a handle and are then united in a loop at b^5.

For convenience in handling a wooden handle C of H shape in section is slid over the sides of this loop. This construction provides long spring gripping members so arranged that the ends of the prongs will easily spread apart to straddle the double wall of two tile or can be contracted to enter a narrow space, such as the opening in a half tile.

The handle is so placed as to lift the tile closely adjacent to its center of gravity as at the vertical center line a—a Fig. 2, so that the weight hangs easily in the hand, and the length of the parallel members B and b' and their proximity to the upper and lower surfaces of the tile make the tool efficient to cramp upon the tile and hold it firmly and serve to turn or tilt it and to settle it in its mortar bed.

Having described the invention what I claim as new and desire to secure by Letters Patent is:

1. In a device for handling hollow tile, an integral metal loop, including forked extremities, parallel gripping members of substantially the same length as said forked extremities spaced therefrom, and a horizontal handle secured to the looped extremity and spaced from said parallel members.

2. In a device for handling hollow tile, an integral metallic loop including, forked extremities, rearwardly extending gripping members spaced therefrom and parallel thereto between which and said forked members the tile is held as between gripping

jaws, and a forwardly extending looped end providing a handle for the device and spaced from said gripping members and connecting means between said gripping members and said looped end.

3. In a device for handling hollow tile, an integral metal loop, including horizontal forked extremities, parallel horizontal gripping members spaced therefrom and integral therewith and of substantially the same length, and a horizontal handle secured to the looped extremity and spaced from said parallel members, the handle being positioned toward the rear end of said device and adapted to lift the tile closely adjacent to its center of gravity.

In testimony whereof, I hereunto set my hand this 12 day of February 1916.

CHAS. GOHLKE.

In presence of—
WM. M. MONROE,
RALPH W. JEREMIAH.

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