(No Model.)

J. A. BUTZ.

STIRRUP FOR FLOOR BEAMS.

No. 598,135. Patented Feb. 1, 1898.

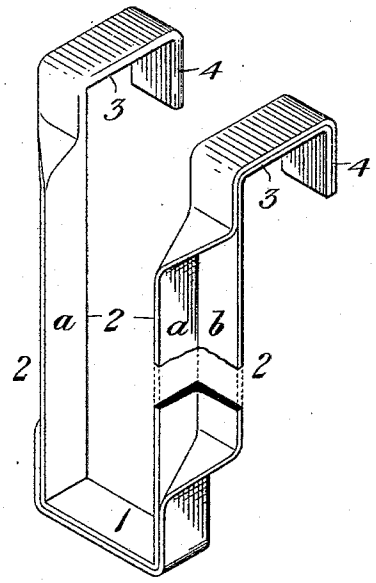


Fig. 1.

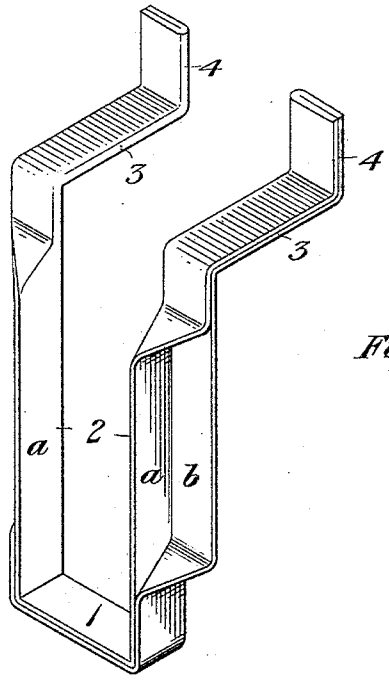


Fig. 2.

WITNESSES:

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

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STIRRUP FOR FLOOR-BEAMS.

SPECIFICATION forming part of Letters Patent No. 598,135, dated February 1, 1898.

Application filed April 15, 1897. Serial No. 632,234. (No model.)

To all whom it may concern:

Be it known that I, JOHN A. BUTZ, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented or discovered a certain new and useful Improvement in Stirrups for Floor-Beams, of which improvement the following is a specification.

The invention described herein relates to certain improvements in stirrups for supporting floor-beams, &c., for houses, and has for its object a construction whereby a broad flat bearing is provided for the beam on the stirrup and for the latter upon the supporting timber or wall; and it is a further object of the invention to so construct the stirrup that its side bars will have a broad bearing on the supporting timber or wall, and will also afford an efficient lateral brace for the floor-beams.

In the accompanying drawings, forming a part of this specification, Figure 1 is a perspective view of my improved stirrup for frame houses, &c., and Fig. 2 is a similar view of a stirrup for supporting beams from brick or stone walls.

My improved stirrup is formed from the angle-iron of commerce. The foot-piece is formed by closing one side of the angle-iron upon the other and bending the angle-iron at or near the ends of the flattened portion, so that the side bars 2 are at or approximately at right angles to the foot-piece. The sides *a* and *b* of these turned-up portions are left in normal position, so that the sides *a* will form a lateral brace for the floor-beam and the sides *b* will afford a broad bearing for the stirrup against the supporting timber or wall. To form the supporting portions 3 and retaining-hooks 4 of the stirrup, the side *a* of the angle-iron is bent down upon the side *b*. The flattened portions are then bent down to or approximately to a right angle with the sides *b*, and the ends of the flattened portions are again bent either up or down to form the retaining-toes 4, dependent upon whether the stirrup is to be applied to a timber or a brick or stone wall.

I claim herein as my invention—

A stirrup for floor-beams consisting of an angle-bar bent to U shape, the sides of the angle-bar at the loop and ends of the stirrup being closed one upon the other to form flat bearing or supporting portions and the ends of the stirrup being bent at an angle to the sides and provided with retaining-toes, substantially as set forth.

In testimony whereof I have hereunto set my hand.

JOHN A. BUTZ.

Witnesses:
F. E. GAITHER,
DARWIN S. WOLCOTT.