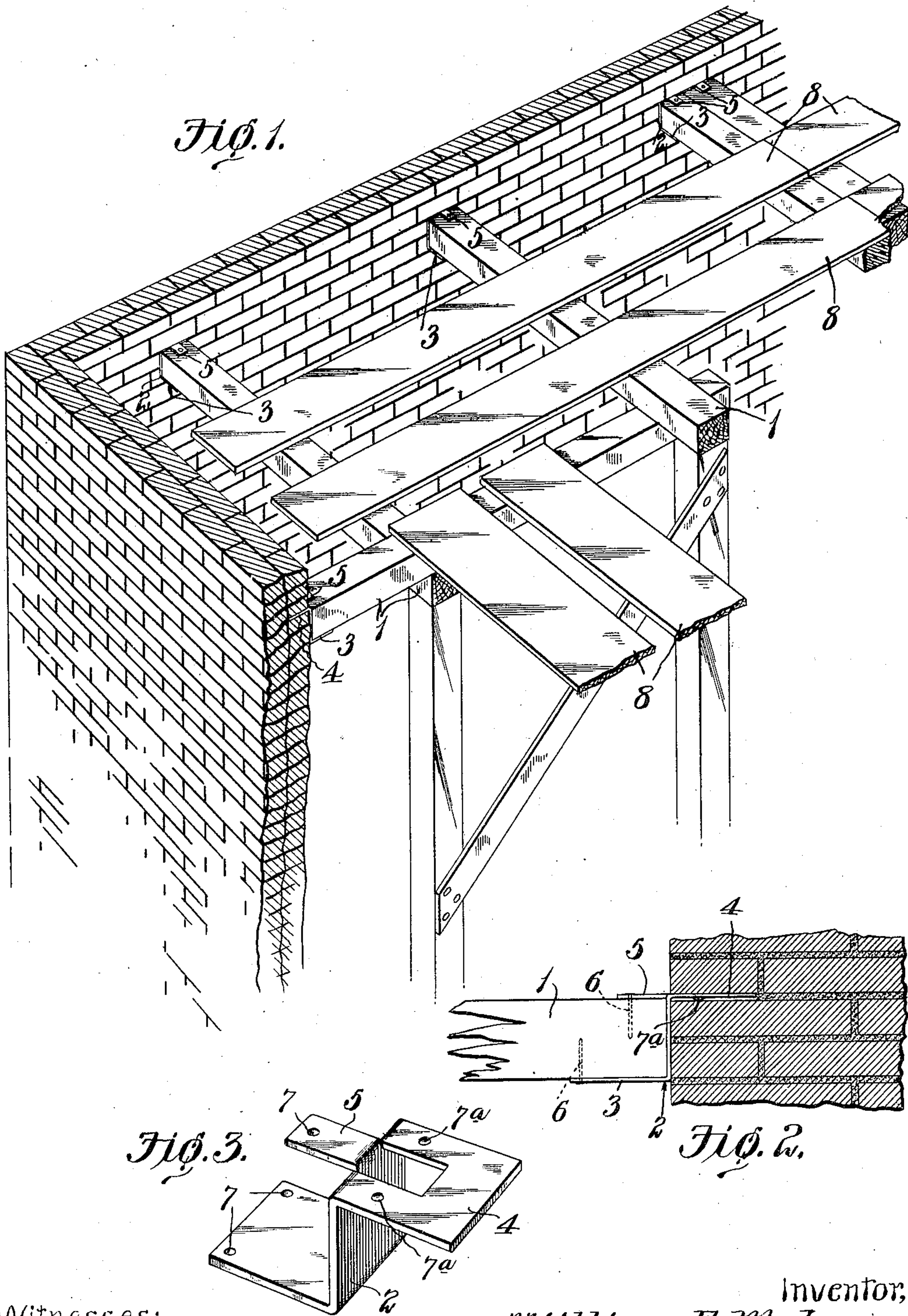


No. 862,498.

PATENTED AUG. 6, 1907.

W. E. MOHAN.
PUTLOG SUPPORT.
APPLICATION FILED MAR. 13, 1907.



Witnesses:
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UNITED STATES PATENT OFFICE.

WILLIAM EDWARD MOHAN, OF ST. LOUIS, MISSOURI.

PUTLOG-SUPPORT.

No. 862,498.

Specification of Letters Patent.

Patented Aug. 6, 1907.

Application filed March 13, 1907. Serial No. 362,211.

To all whom it may concern:

Be it known that I, WILLIAM EDWARD MOHAN, a citizen of the United States, residing at St. Louis, Missouri, have invented a certain new and useful Improvement in Putlog-Supports, of which the following is 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, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view illustrating my improved device in operative position for supporting the putlogs of a scaffold; Fig. 2 is a detail view showing the manner in which the flange of the putlog support is arranged between the bricks in the wall of a building; and Fig. 3 is a perspective view of the putlog support.

This invention relates to scaffolds such as are used by brick-layers, concrete workers and stone masons in the construction of buildings.

Prior to my invention it has been customary to build scaffolds for this class of work by inserting one end of a timber, commonly called a "putlog", in the wall of the building and supporting the opposite end of the timber by means of uprights or standards, several of these putlogs being arranged along the wall to support the boards which form the floor of the scaffold. One objectionable feature of a scaffold of this description is that it is necessary to leave out several bricks in the wall of the building, generally three bricks, to form an opening of sufficient size to receive the end of the putlog. Accordingly, after the scaffold has been removed it is necessary to replace the bricks in these openings and this requires a great deal of time and labor which adds greatly to the cost of constructing the wall. Furthermore, it is very difficult to replace these bricks in as accurate a position as they would have occupied if they had been laid with the other bricks in the wall, so that the wall does not present a finished appearance.

Another objectionable feature of a scaffold of this description was that the floor boards were lapped one upon another at the points where they met, this being necessary because it was too expensive to use two putlogs together and thus be obliged to fill up an additional hole or opening.

The object of my invention is to provide a novel form of support for the inner end of a putlog of a scaffold, this support being so constructed that it can be arranged between the joint of two bricks and thus overcome the necessity of replacing three or more bricks at every place in the wall in which the putlogs were inserted.

Referring to the drawings which represent the preferred form of my invention, 1 designates a putlog of a scaffold, this putlog usually consisting of a 4 x 4 timber. At the inner end of the putlog is an approximately Z-shaped metallic support 2, the putlog resting upon

the lower leg 3 of the support, and the upper leg 4 of the support projecting between two bricks in the wall of the building. This member 2 is preferably stamped out of tough iron or steel and is provided with an integral wing 5 that extends parallel to the lower leg 3, the putlog being arranged between said wing and lower leg 3 and preferably secured in position by means of nails 6 or other suitable fastening devices that are driven through openings 7 in said wing and leg.

To prevent the support from bearing directly upon the edge portion of the brick on which it rests, I prefer to provide the upper leg 4 of the support that projects between the bricks of the wall with projections or protuberances 7^a on the underneath side thereof, as shown in Figs. 2 and 3, so that when the support is in position these projections will bear upon the brick at some distance from its outer edge and thus relieve the edge portion of the brick from pressure and prevent it from being chipped off or broken.

After the scaffold has been taken down and the putlogs have been removed from the wall it will only be necessary to go over the wall and place mortar in the joint between the bricks in which the leg 4 of the support was arranged. This will require very little time and also does not mar the appearance of the wall when completed.

As it costs very little to fill in the openings between the joints of the brick in which the support is arranged, I am enabled to use two putlogs arranged parallel to each other, as shown in Fig. 1, so as to provide separate supports for the ends of the boards 8 which form the floor of the scaffold, thereby overcoming the necessity of lapping these boards as was heretofore necessary.

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

1. As an article of manufacture, a putlog support consisting of a flat strip of metal bent into approximately Z-shape and having an integral flange 5 formed by a portion of the upper leg of the Z, said support being adapted to be arranged in a brick wall while it is being constructed to support a putlog of a scaffold and thereafter removed when the scaffold is taken down; substantially as described.

2. A putlog support comprising a metallic member adapted to have a putlog secured thereto, a flange on said member adapted to be arranged between the bricks in the wall of a building, and projections on the underneath side of said flange arranged at a distance from the edge of the brick on which said flange rests; substantially as described.

3. In combination, a brick wall, a putlog arranged at an angle to said wall, a metallic member secured to the inner end of said putlog and provided with a straight flange that extends into a joint formed between some of the bricks of the wall, and parallel horizontally disposed flanges that embrace the top and bottom faces of the putlog, said metallic member being adapted to be removed from the wall when the scaffold is taken down; substantially as described.

4. In combination with a brick wall, putlogs arranged horizontally and projecting outwardly from the wall, standards or uprights for supporting the outer ends only of said putlogs, and Z-shape metallic members connected
5 to the inner ends of said putlogs and provided with straight flanges that extend into joints formed between the bricks of the wall, each of said metallic members being provided with an integral flange 5 that embraces the top side of the putlog and is secured thereto, said
10 metallic members being adapted to be removed from the

wall when the scaffold is taken down; substantially as described.

In testimony whereof I hereunto affix my signature in the presence of two witnesses, this seventh day of March 1907.

WILLIAM EDWARD MOHAN.

Witnesses:

WELLS L. CHURCH,
GEORGE BAKEWELL.