

(No Model.)

A. G. OSMAN.

PICKING UP AND CARRYING BRICKS.

No. 336,737.

Patented Feb. 23, 1886.

Fig. 1

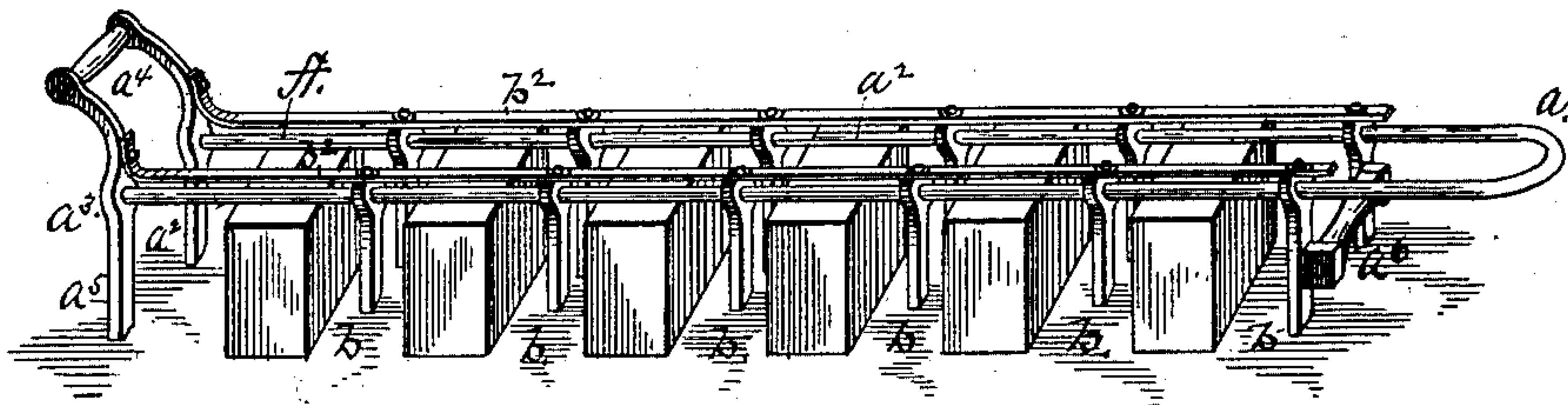


Fig. 2

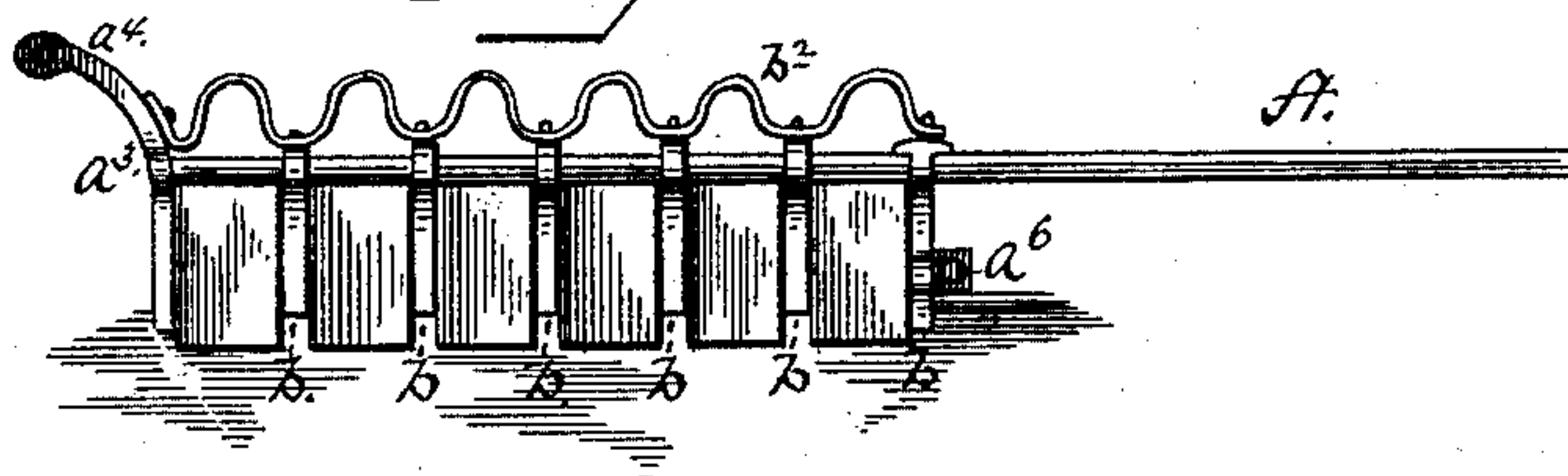


Fig. 3

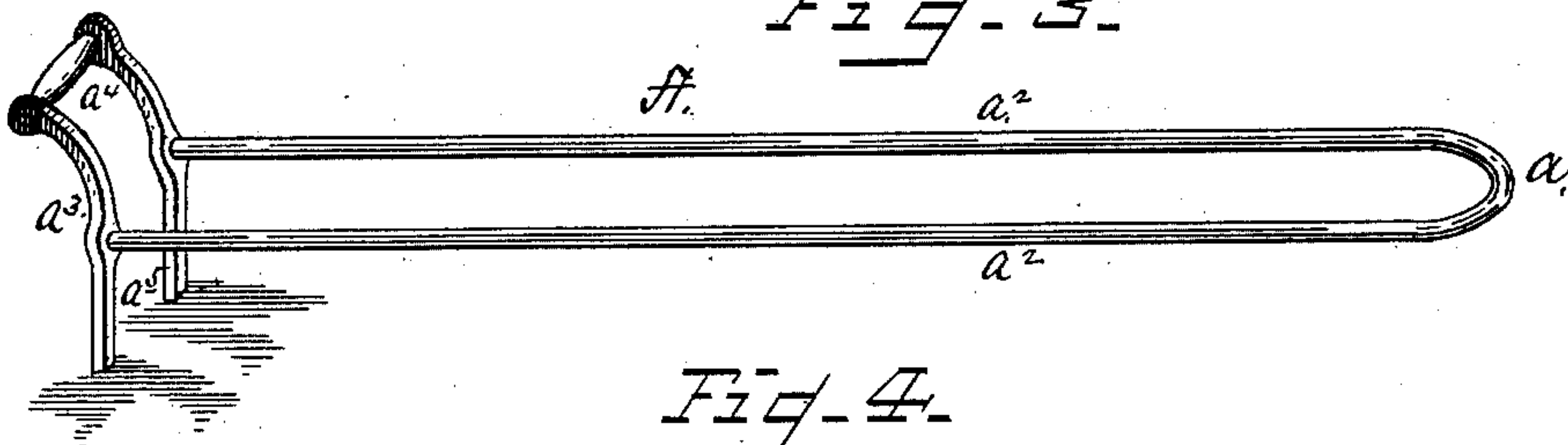


Fig. 4

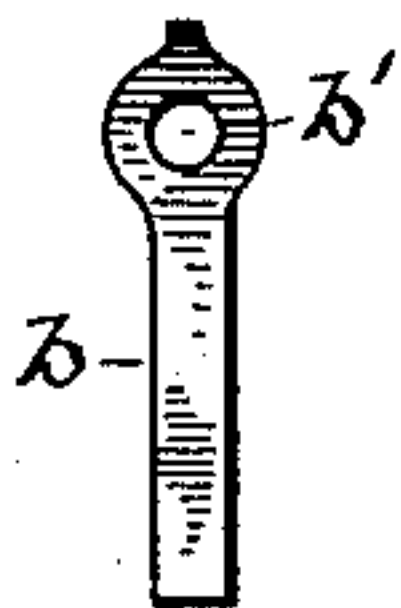
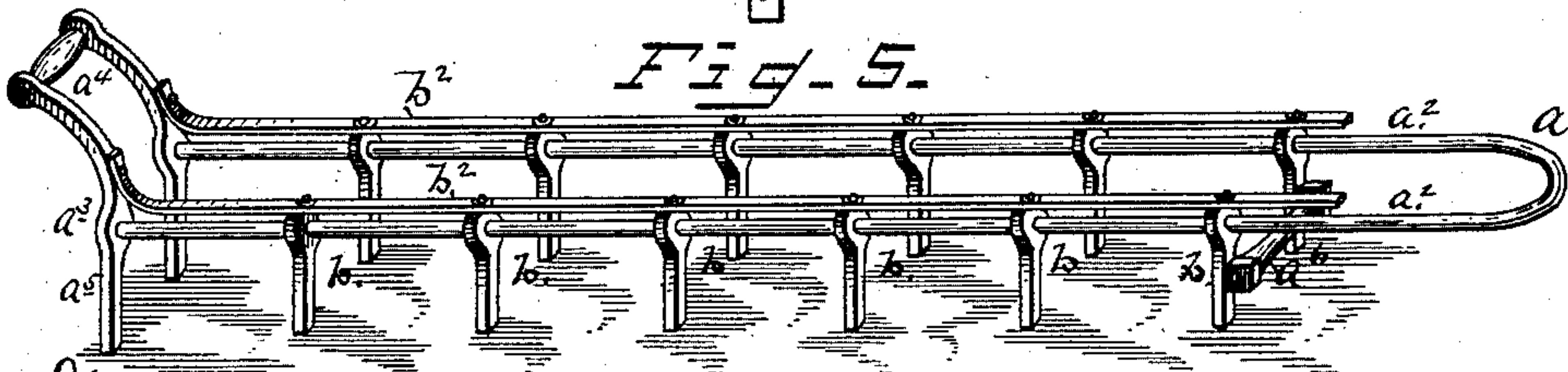


Fig. 5



Witnesses.
J. L. Cross

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Inventor.
A. G. Osman
By his Attorney A. G. Heylman.

UNITED STATES PATENT OFFICE.

AQUILLA G. OSMAN, OF BUCYRUS, OHIO.

PICKING UP AND CARRYING BRICKS.

SPECIFICATION forming part of Letters Patent No. 336,737, dated February 23, 1886.

Application filed October 6, 1885. Serial No. 179,170. (No model.)

To all whom it may concern:

Be it known that I, AQUILLA G. OSMAN, a citizen of the United States of America, residing at Bucyrus, in the county of Crawford, in the State of Ohio, have invented a new and useful Implement for Picking Up and Carrying Bricks, of which the following is a specification.

My invention has relation to improvements in means for picking up and carrying bricks and other articles of similar character from the drying-floor to the hake or drying-sheds, or from and to any place; and the object is to provide an implement of the kind named and for the purposes stated by which bricks and similar articles may be carried in any convenient number without injury and more expeditiously than by the means heretofore used for the purpose.

I have fully illustrated my invention in the accompanying drawings, wherein similar parts are identified by the same letters of reference, and I have also hereinbelow fully described and particularly pointed out and distinctly claimed the invention, as required by the statute.

Reference being had to the drawings, Figure 1 is a perspective view of the implement laid on a number of bricks preparatory to lifting them. Fig. 2 is a like view of the implement as applied to lift the bricks. Fig. 3 is a view of the main bar. Fig. 4 is a view of one of the fingers, and Fig. 5 is a view of the completed implement.

The letter A designates the frame, which consists of a metal bar bent with a U-shaped end, a , and parallel side bars, a^2 , to the free ends of which is rigidly secured a vertical end piece, a^3 , comprised of a metal bar bent to form a hand-grasp, a^4 , and secured in place to the ends of the frame, with its free ends projecting below the frame-bars to form legs or supports a^5 . A convenient number of pendant fingers, b , formed with eyes b' in their upper ends, are loosely passed over the bars of the frame through the eyes, substantially as shown in the drawings. The intermediate fingers are somewhat shorter than the fingers of the end pieces, and all have small projections on their upper ends, or screws let into them, by which flexible connecting-straps b^2

are secured. These connecting-straps have one end secured to the end piece, a^3 . The purpose of these connecting-straps is to give convenient means for drawing the fingers into proper arrangement after the load has been discharged, and preparatory to setting the implement over the load to be carried. To the set of fingers nearest to the U end of the frame is secured a hand-grasp, a^6 , so secured and applied that it will serve both as a means to move the bricks together and then as a lifter for that end of the lot. The depending end fingers and also the intermediate sets may be covered by any suitable material to increase their frictional contact with the brick to prevent slipping from the grasp, or they may be roughened to serve the same purpose; but this is not essential for all work.

The use of the implement is as follows: The bricks being on their edge, as shown in Fig. 1 of the drawings, and in condition to be moved, the implement is placed over them with the intermediate depending fingers between the bricks. The operator then holds the stationary hand-grasp, and at the same time grasps the handle on the set of fingers nearest to the U end of the frame and pushes the hand ends toward each other, which action slides the bricks, together with the depending fingers between them, and the hand ends against the outside faces of the end bricks, in which condition the lot may then be lifted up and carried to any desired depository.

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

1. The frame A, bent into U shape and provided with a stationary hand-grasp and legs or supports at one end, in combination with a number of depending finger-pieces strung loosely on the side bars of the frame, and an end piece arranged to slide on the frame-bars and provided with a hand-grasp, and adjustably connected to the stationary end piece and to the intermediate finger-pieces, substantially as described.

2. The frame A, provided with a stationary hand-grasp at one end, having projections below the line of the side bars of the frame, in combination with a multiple of loose depending finger-pieces arranged to slide on the frame, a movable end piece having a hand-grasp,

and flexible connecting straps uniting the end pieces and the intermediate finger pieces, substantially as described.

3. The frame A, formed of a single metal bar
5 bent into U shape, and having rigidly secured to its free ends a U-shaped hand-grasp having its side pieces extended below the frame-bar to form supports, a multiple of movable finger-pieces shorter than the end pieces and having
10 the arms of the frame projected through them,

movable depending end fingers connected by a hand-bar, and connecting straps uniting each series of fingers and the stationary end piece, substantially as described.

In witness whereof I have hereunto set my 15 hand in the presence of two attesting witnesses.

AQUILLA G. OSMAN.

Attest:

EDWARD VOLLRATH,
S. W. BENNETT.