

(No Model.)

2 Sheets—Sheet 1.

E. J. SCHURMEIER.  
STAKE POCKET FOR DRAYS.

No. 515,796.

Patented Mar. 6, 1894.

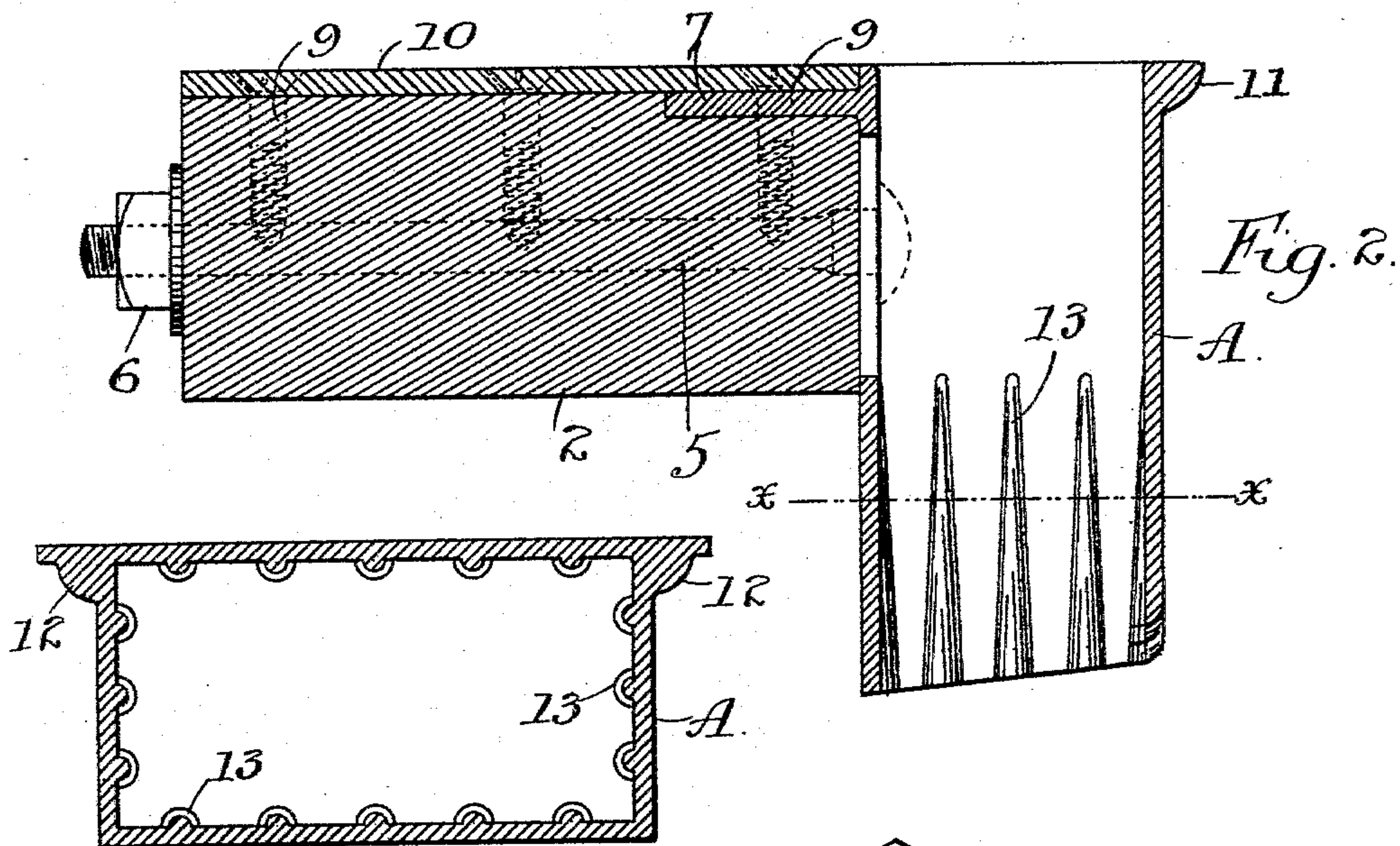


Fig. 2.

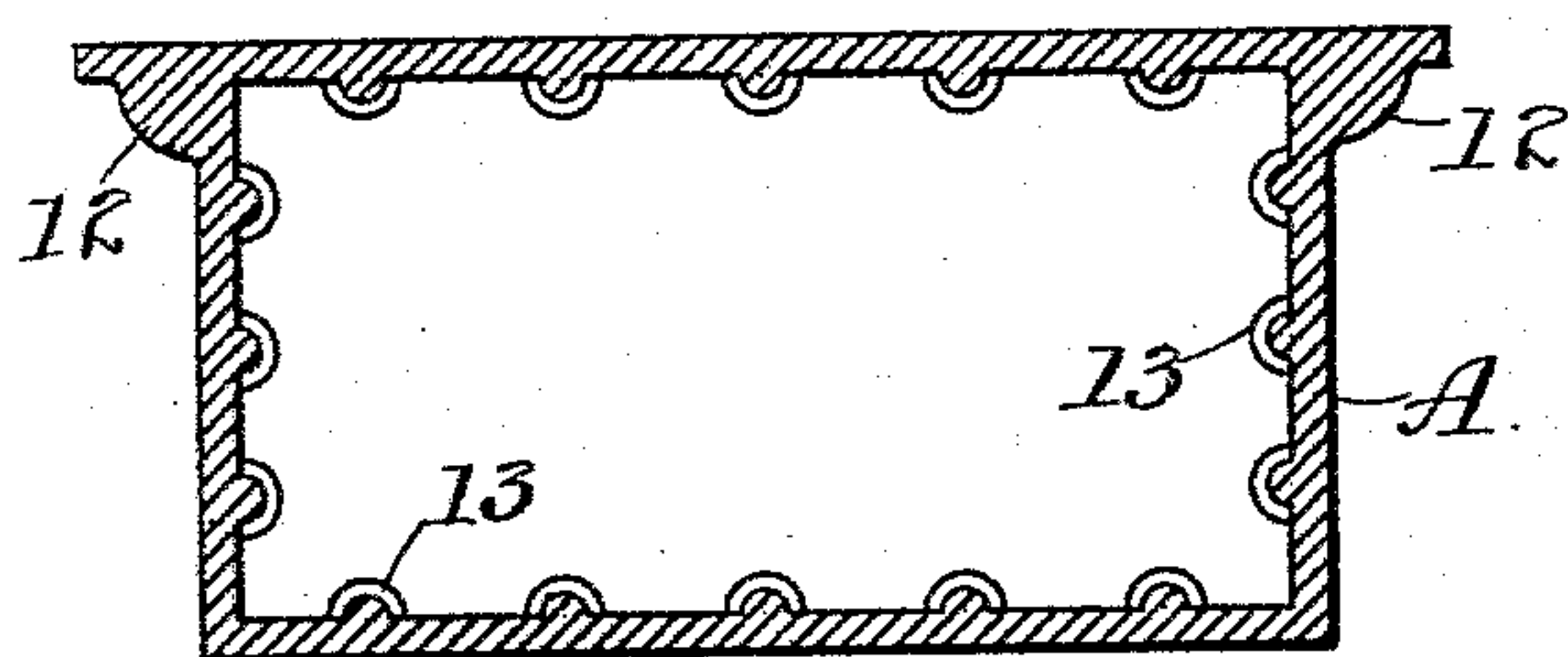


Fig. 3.

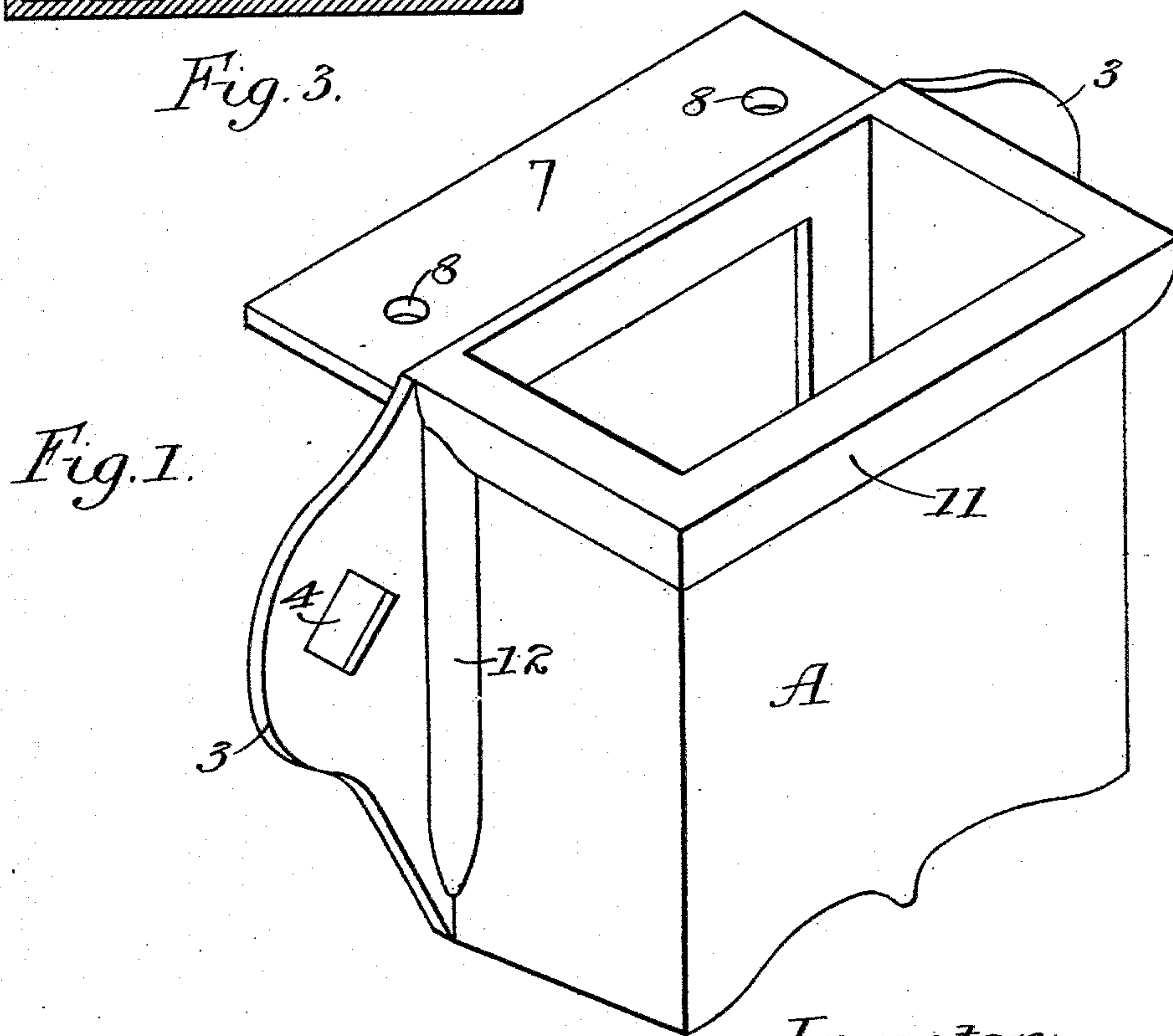


Fig. 1.

Witnesses:-  
L. R. Caldwell.  
H. S. Johnson.

Inventor:-  
Edward J. Schurmeier,  
per. H. D. Merwin  
Attorney.

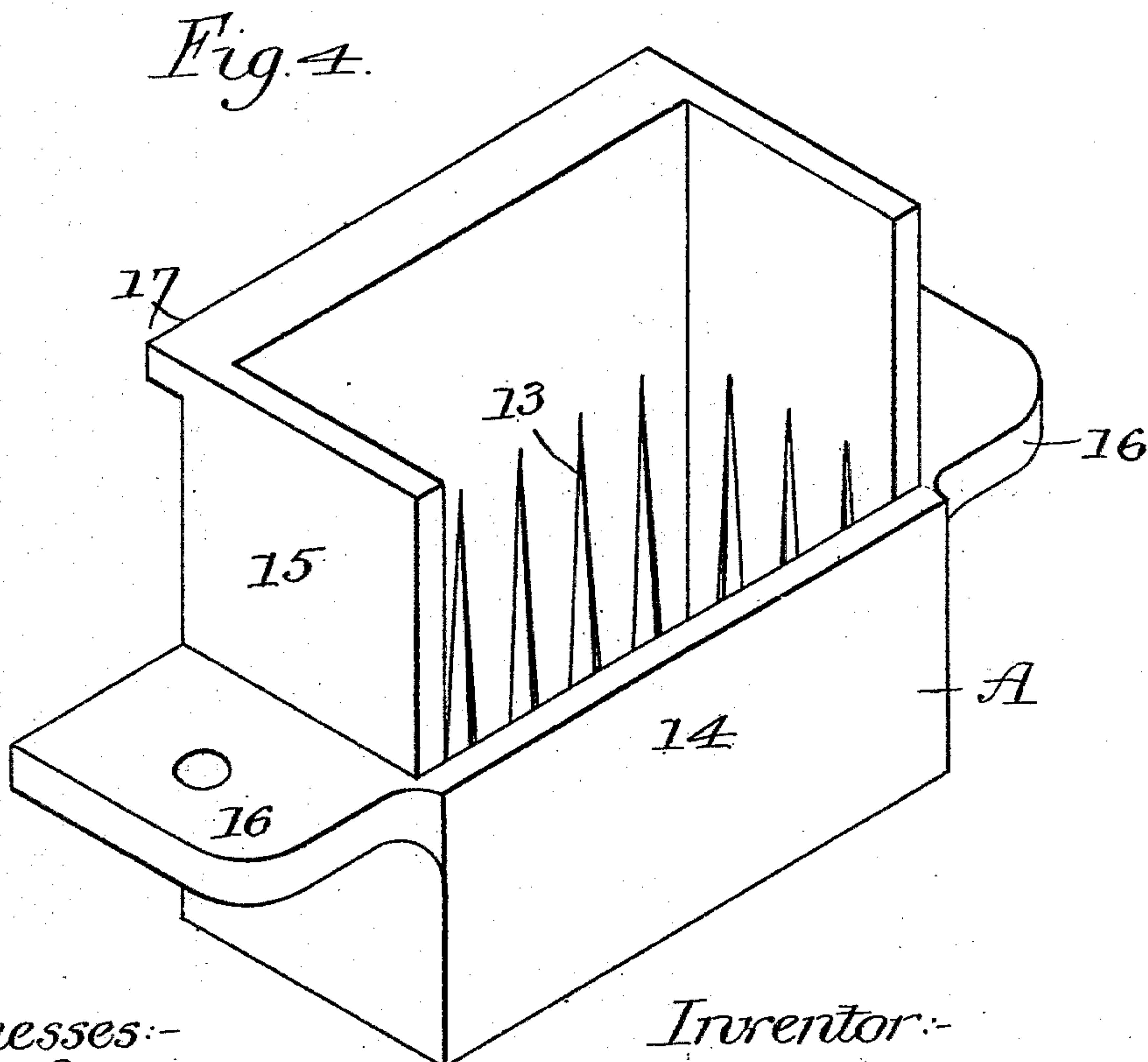
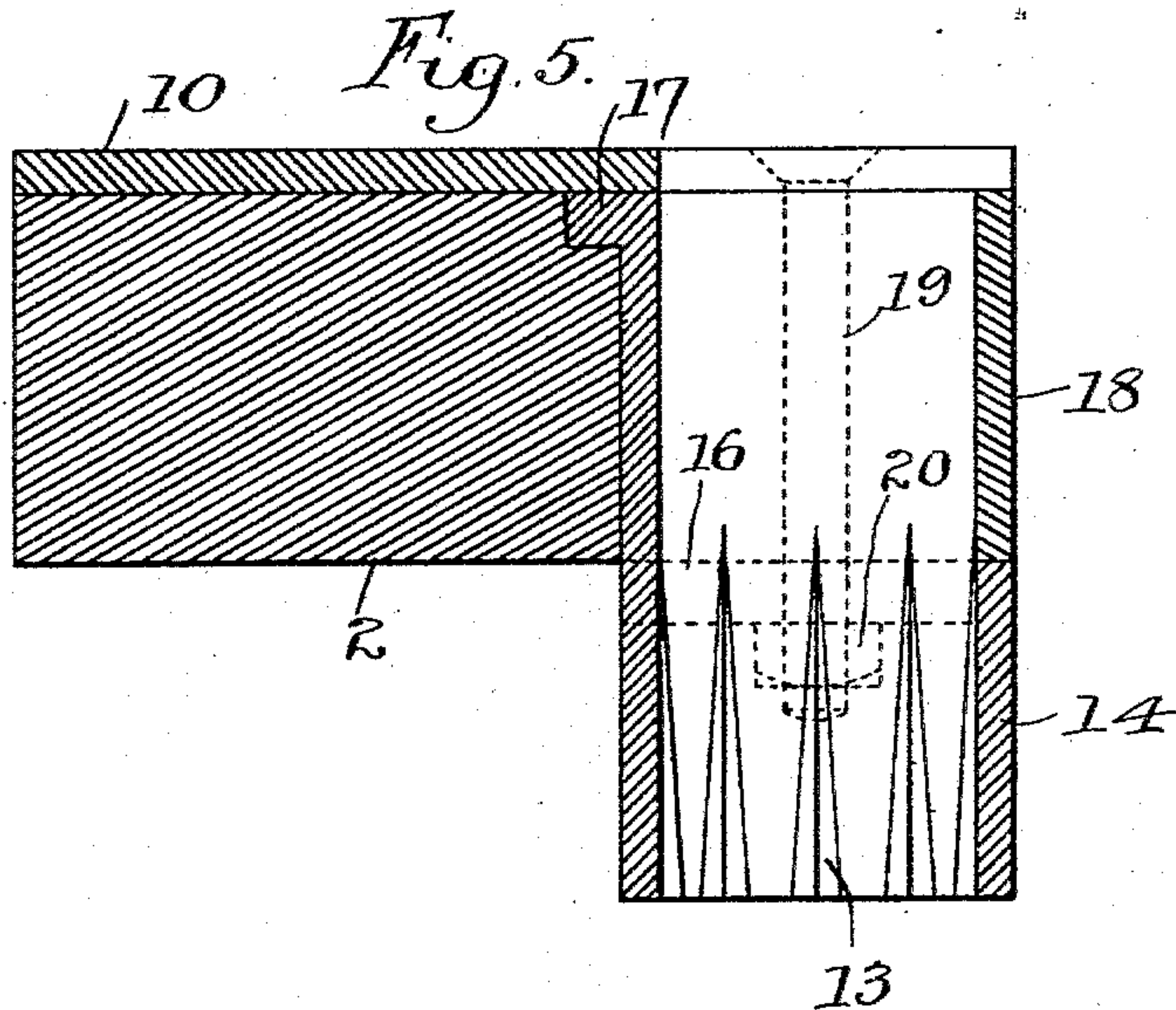
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2 Sheets—Sheet 2.

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STAKE POCKET FOR DRAYS.

No. 515,796.

Patented Mar. 6, 1894.



Witnesses:-

*L. H. Baldwin.*

*H. S. Johnson.*

Inventor:-

*Edward J. Schurmeier,*

*per. E. D. Mearns*

*Attorney.*



# UNITED STATES PATENT OFFICE.

EDWARD J. SCHURMEIER, OF ST. PAUL, MINNESOTA.

## STAKE-POCKET FOR DRAYS.

SPECIFICATION forming part of Letters Patent No. 515,796, dated March 6, 1894.

Application filed March 16, 1893. Serial No. 466,279. (No model.)

*To all whom it may concern:*

Be it known that I, EDWARD J. SCHURMEIER, of St. Paul, Ramsey county, Minnesota, have invented certain Improvements in Stake-Pockets for Drays, of which the following is a specification.

My invention relates to improvements in stake pockets for drays, and consists of a rectangular pocket with parallel sides having vertical ribs on the inside, tapering upward. The pocket is provided with lateral ears or projections adapted to be bolted to the frame of the dray. It also has a rear extension piece or web adapted to be gained into the frame piece. The iron strap on top of the frame piece covers the extension, which may be more firmly secured by passing screws through both strap and extension piece into the frame.

My invention further consists in the construction and combination hereinafter described and particularly pointed out in the claims.

In the accompanying drawings forming part of this specification, Figure 1 is an isometrical projection of my improved pocket. Fig. 2 is a sectional side elevation of the same, shown attached to the frame piece. Fig. 3 is a horizontal cross section taken on the line  $x-x$  of Fig. 2. Fig. 4 is an isometrical projection of a modified form of pocket to be mortised into the frame piece, and Fig. 5 is a vertical cross section of the same shown attached to the frame piece.

In the drawings 2 represents the frame piece of the dray bed to which the pocket A is attached.

The pocket is made of malleable iron or other suitable material, and is provided with the lateral ears 3 on each side, having bolt holes 4 to receive the bolts 5, which are passed through the frame piece 2, and secured by means of the nuts 6.

Projecting from the rear of the pocket and gained into the frame piece 2 is the extension 7, provided with screw holes 8 to receive screws 9. On top of the frame piece and covering the extension 7, is an iron strap 10, secured by means of screws 9 passing there-through and through the screw holes 8 in the extension 7, thus more firmly holding the pocket in place.

The pocket is strengthened by means of

ribs 11 around its top, and ribs 12 in the angles between the body of the pocket and the lateral ears.

Upon the inside of the walls of the pocket, near the bottom are arranged vertical ribs 13. These ribs are preferably enlarged downward, and indent the stake, thus holding it firmly in the pocket.

In the modified construction of mortise pocket shown in Figs. 4 and 5, the upper part of the front wall 14 is cut away as shown in Fig. 4, and upon the side walls 15 horizontal ears 16 are fixed, the tops of which are in line with the top edge of the wall 14, and are adapted to be secured to the under side of the frame piece of the dray, by bolts 19 having the nuts 20 and extending through and also securing the strap 10, the pocket itself being set into a notch or mortise in the frame piece.

At the rear of the top of the pocket is the extension 17 gained into the frame piece as with the other form of pocket. The iron strap 10 is notched out over the pocket and the open space above the front wall of the pocket is filled by a strap 18 secured to the edge of the frame piece and thus forming a part of the pocket itself.

The construction above described furnishes a pocket much stronger than the same amount of material in the ordinary form, since the rear extension secured by screws passing at right angles with the line of the bolts which secure the lateral ears, anchors the pocket very firmly in place. In case the rear extension should become broken off, the pocket may be removed and the screws passing through the extension withdrawn, and a new pocket slipped into its place and there secured by the same bolts and screws.

I claim—

1. The stake pocket, having its opposite sides parallel, and vertical inner ribs near the bottom.

2. A stake pocket provided with upwardly tapering vertical ribs on the inner surface of its walls.

3. A stake pocket with its opposite walls parallel and provided with upwardly tapering vertical ribs on their inner surface.

4. A stake pocket provided with lateral ears, strengthening ribs between the ears and the body of the pocket and the strengthening



rib running around the outside of the top of the pocket.

5. A stake pocket having lateral ears adapted to be secured to the side of the frame piece, a rear extension adapted to be gained into the top of the frame piece, in combination with the strap secured upon the top of said frame piece and said extension.

6. The stake pocket comprising in combination, the body having its opposite walls parallel, the lateral ears, the rear extension near the top, and the vertical inner ribs.

7. A stake pocket comprising in combina-

tion, the body having its opposite walls parallel, the lateral ears, the strengthening ribs between said ears and body, the strengthening rib around the top of said body, the rear extension and the upwardly tapering vertical ribs upon the inside of said body.

In testimony whereof I have hereunto set my hand this 10th day of March, 1893.

EDWARD J. SCHURMEIER.

In presence of—

T. D. MERWIN,

H. S. JOHNSON.