

(No Model.)

R. J. STUART.
BRICK PALLET.

No. 414,926.

Patented Nov. 12, 1889.

Fig. 1.

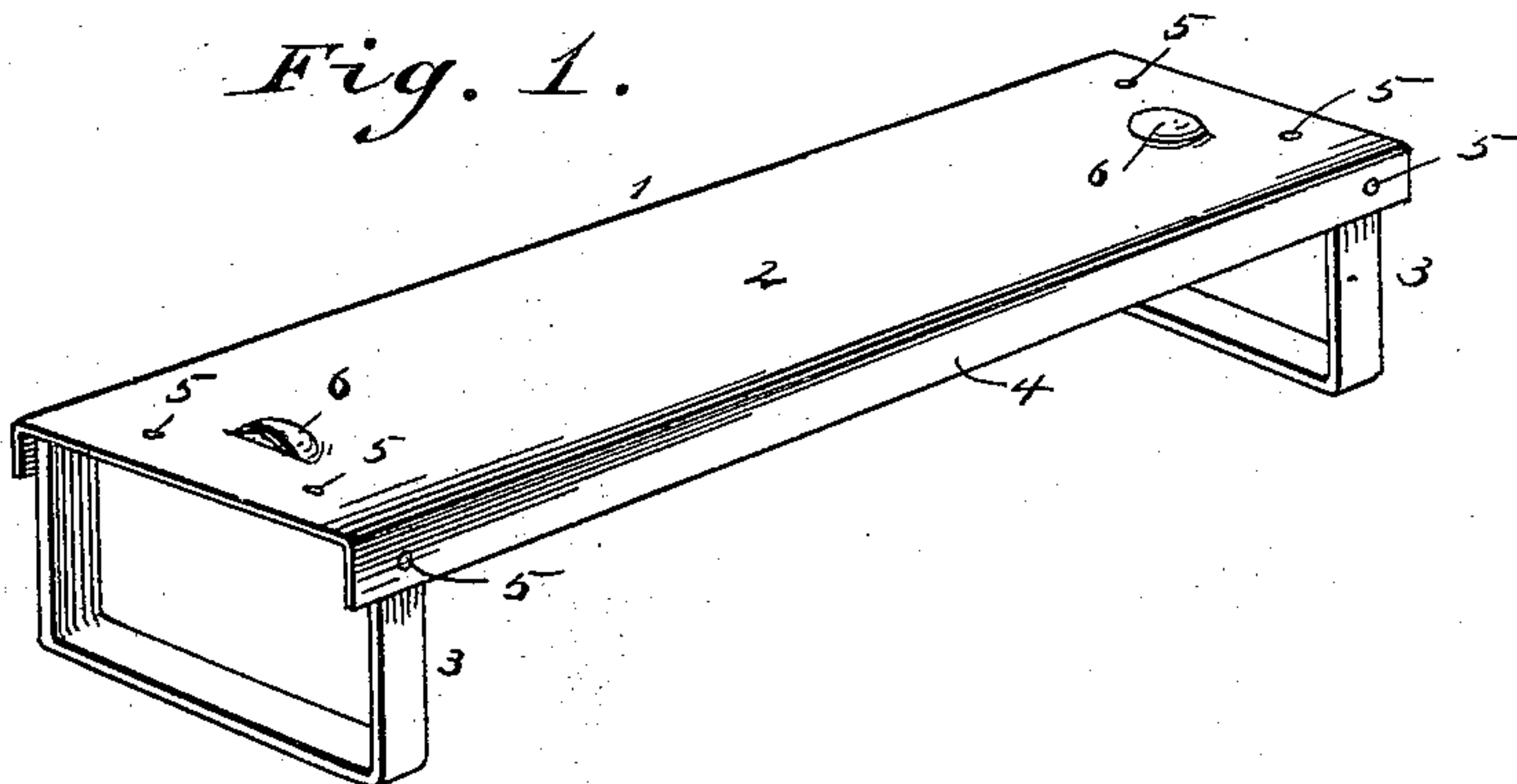


Fig. 2.

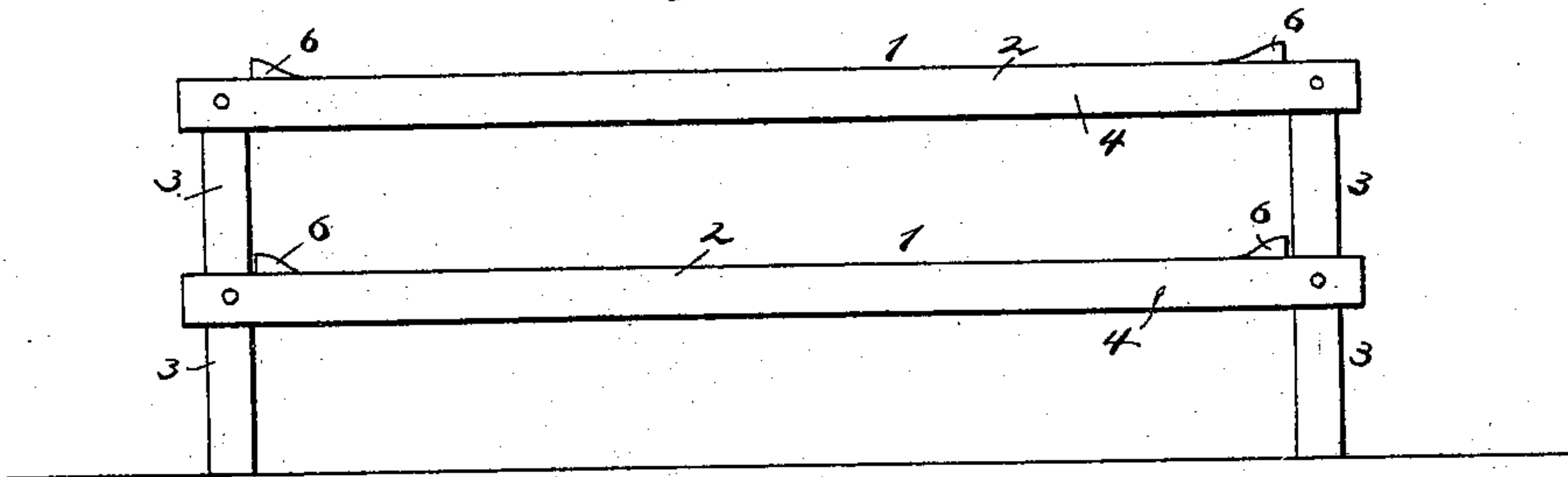


Fig. 3.

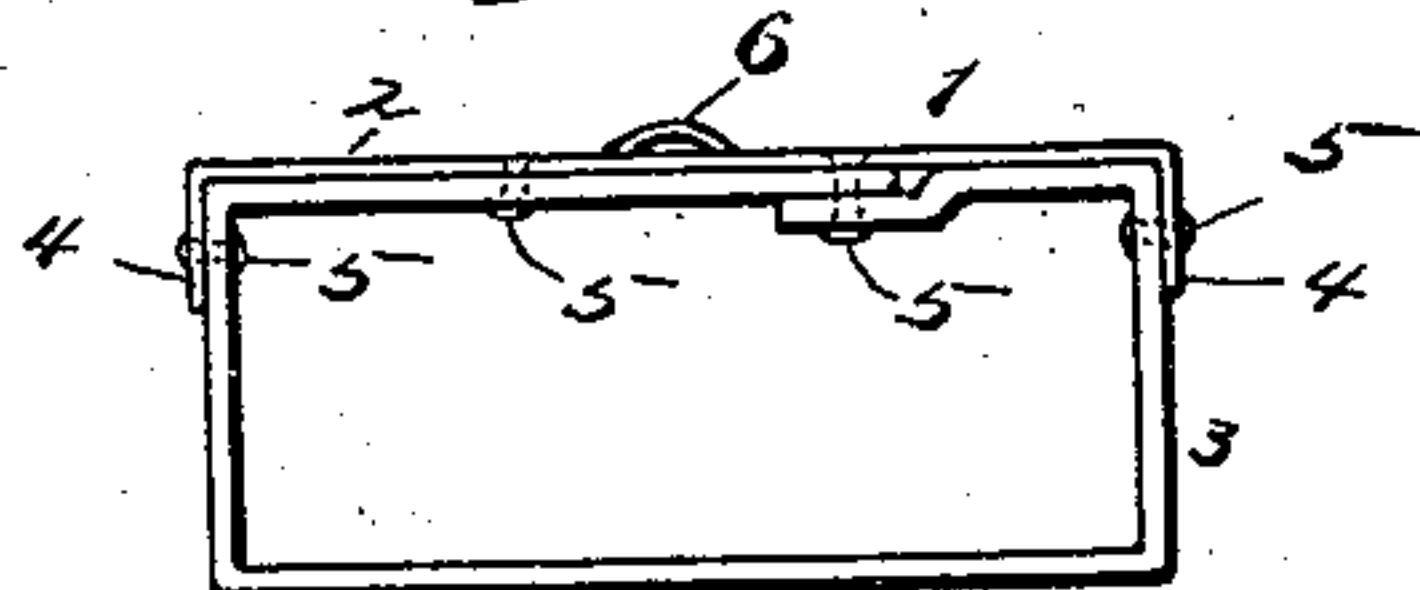


Fig. 4.

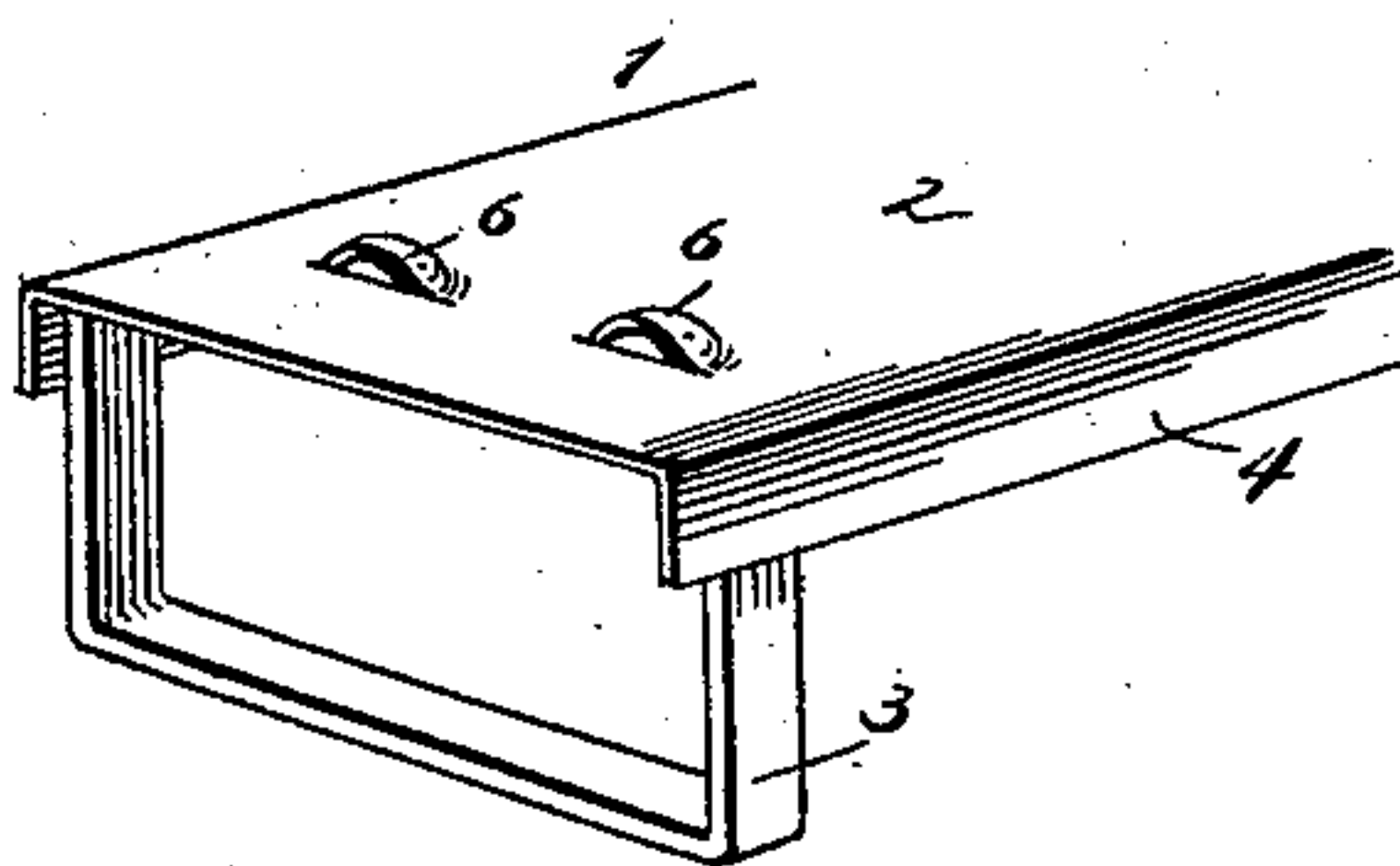
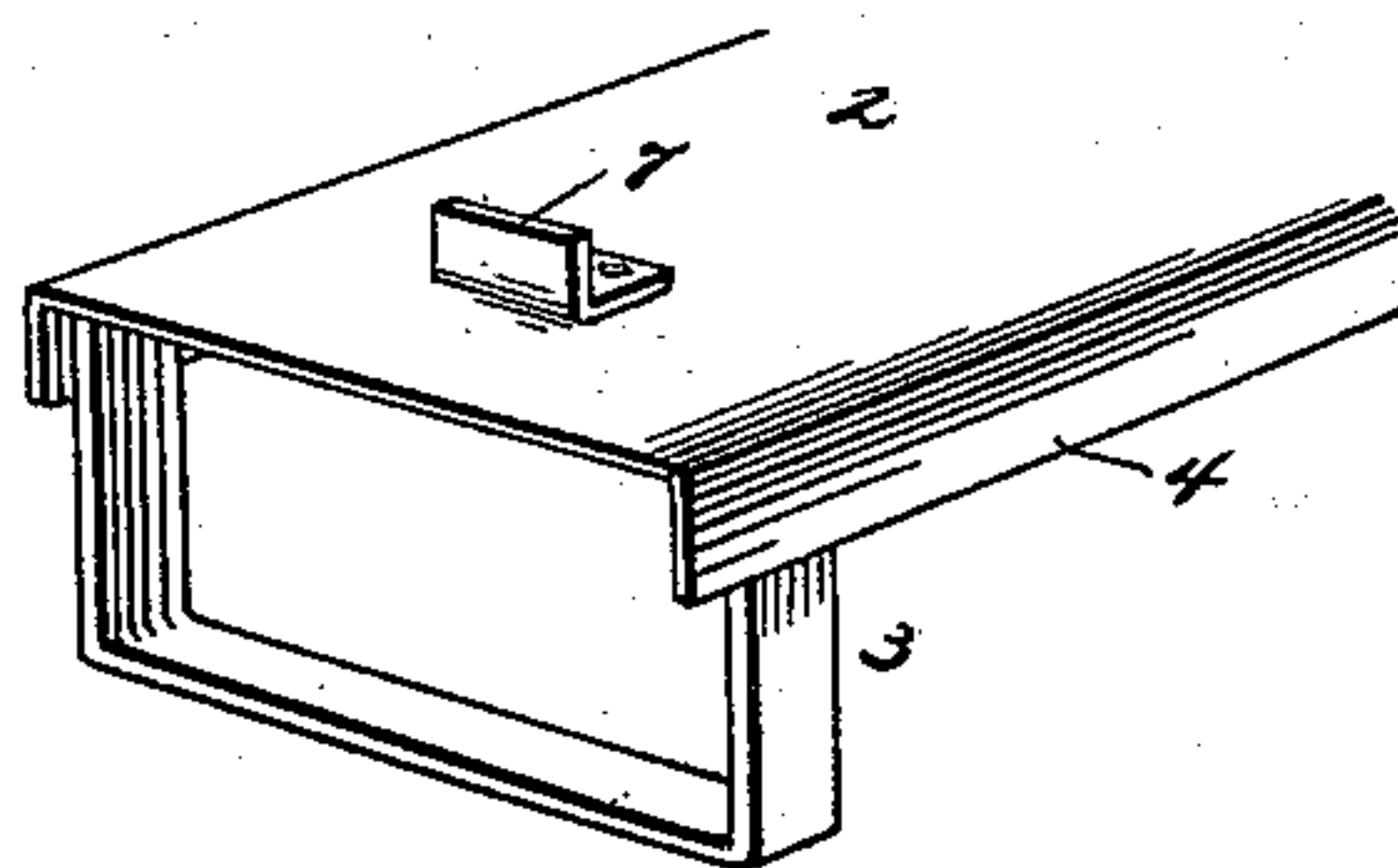


Fig. 5.



WITNESSES:

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ROBERT J. STUART, OF NEW HAMBURG, NEW YORK.

BRICK-PALLET.

SPECIFICATION forming part of Letters Patent No. 414,926, dated November 12, 1889.

Application filed July 30, 1889. Serial No. 319,162. (No model.)

To all whom it may concern:

Be it known that I, ROBERT J. STUART, of New Hamburg, in the county of Dutchess and State of New York, have invented certain
5 new and useful Improvements in Brick-Pallets, of which the following is a full, clear, and exact description.

This invention relates to pallets for supporting unburned bricks while being dried,
10 and has for its object to provide a brick-pallet, by means of which the several pallets in a column of pallets on a transportation-car may not only be arranged in a vertical column, but also will be held from being displaced by the swaying and lateral movement
15 of the car in passing switches from one track to another and from other causes.

The invention consists in a brick-pallet constructed as hereinafter described and
20 claimed.

Figure 1 is a perspective view of a brick-pallet constructed in accordance with this invention. Fig. 2 is a side view of a pair of pallets, one on top of the other. Fig. 3 is an
25 end view. Fig. 4 is a perspective view of one end of modified form of pallet, and Fig. 5 is a perspective view of another modification.

In the manufacture of brick one method has been to place the molded bricks upon
30 pallets and place the latter in columns upon a car to be transported to a drying-building.

The pallets consist of slabs or shelves of metal with spacing projections or legs, by means of which the pallets are mounted in
35 spaced positions on top of one another. It has been found that the pallets when so arranged in columns on a car are liable to be moved out of position endwise by the swaying of the car or the jolts arising from the car
40 passing over switches or onto another track. To obviate this objection I provide a pallet of any form having vertical projections on its upper surface adjacent to its ends, and so arranged that the legs of a pallet resting on
45 another pallet will engage the projections on the pallet beneath and prevent the upper pallet from moving endwise on the lower pallet.

The pallet may be provided with the vertical projections adjacent to its ends in any
50 suitable manner.

Referring to Figs. 1, 2, and 3 of drawings, 1 indicates a brick-pallet, preferably of metal, and consisting of the top 2 in the form of a slab or shelf and the legs or supports 3. The top

2 is about equal in length to the width of a
55 platform-car for transporting the undried brick to a drying-building, and is of a width equal to the length of an ordinary brick. The supports 3, as here shown, consist of metallic strips bent to form a square, and connected at
60 their overlapping ends and to the top 2 and its depending flanges 4 by rivets 5. The supports 3 may be of sufficient height to permit the circulation of hot air or other heating medium between the pallets resting on
65 one another.

6 indicates vertical projections formed in the top 2 by punching out the metal and located at such distance adjacent to the ends
70 of the top 2 as to bring the projections 6 outside of and close to the supports 3 of a pallet resting on the top 2.

The projections 6 serve as stops to hold a pallet resting on another pallet from endwise
75 movement arising from the swaying or jolting of a car on which the pallets are piled in columns. They also enable the pallets to be placed in a straight column when piling them one above another.

In use the undried bricks are placed on the
80 pallets in layers from end to end thereof, the bricks lying lengthwise across the pallet. The pallets are placed in columns extending across a platform-car and are located close together at their sides. The lower ends of the
85 supports 3, being located adjacent to the stops 6, prevent the pallets from being moved endwise on each other by the lateral movement of the car.

While I have shown the projections 6 in
90 Figs. 1, 2, and 3, any suitable form of stop may be employed, as in Fig. 4, where two projections 6 are punched up from the top 2 instead of one, or as in Fig. 5, where a strip of angle-iron 7 is riveted to the top 2 and extends
95 across the same.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

A brick-pallet having vertical projections
100 on its top adjacent to the ends thereof to form stops against which the legs or supports of the superposed pallets rest, as and for the purpose specified.

ROBERT J. STUART.

Witnesses:

E. W. CODY,
EDGAR TATE.