

(No Model.)

G. L. WILLIAMS & H. RUNDLE.

BILLIARD CUE.

No. 250,861.

Patented Dec. 13, 1881.

Fig. 1.

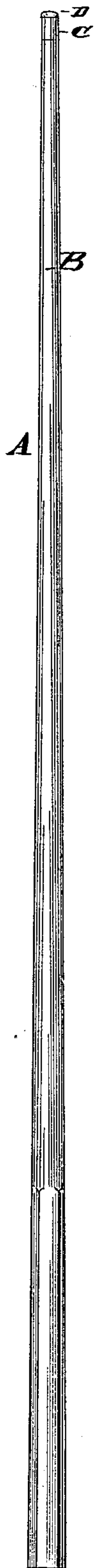


Fig. 2.

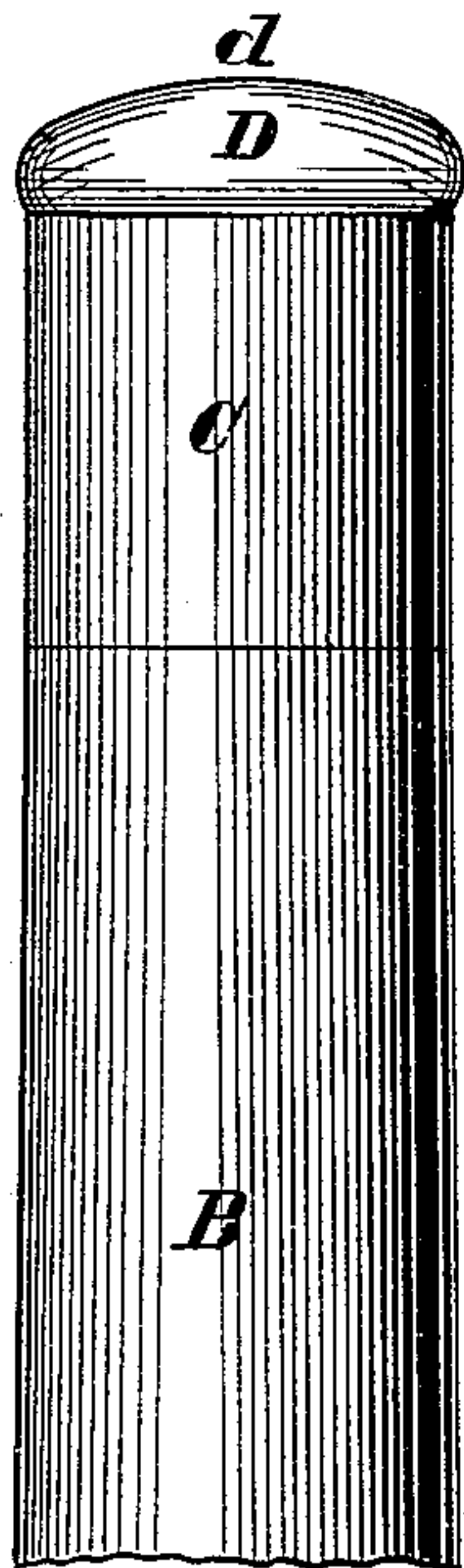


Fig. 4.

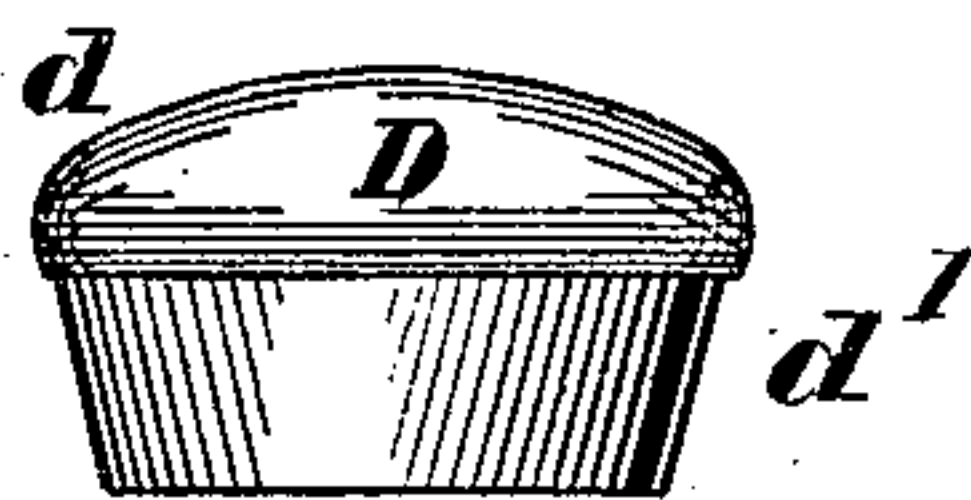


Fig. 5.

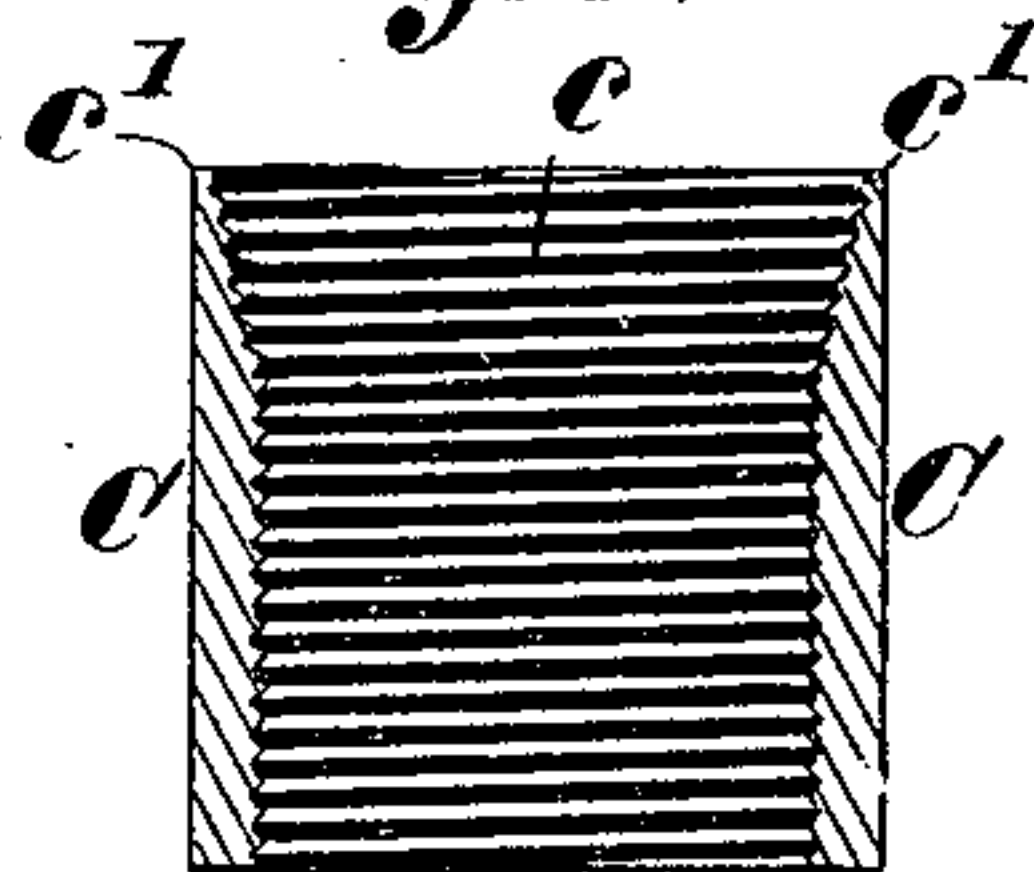


Fig. 3.

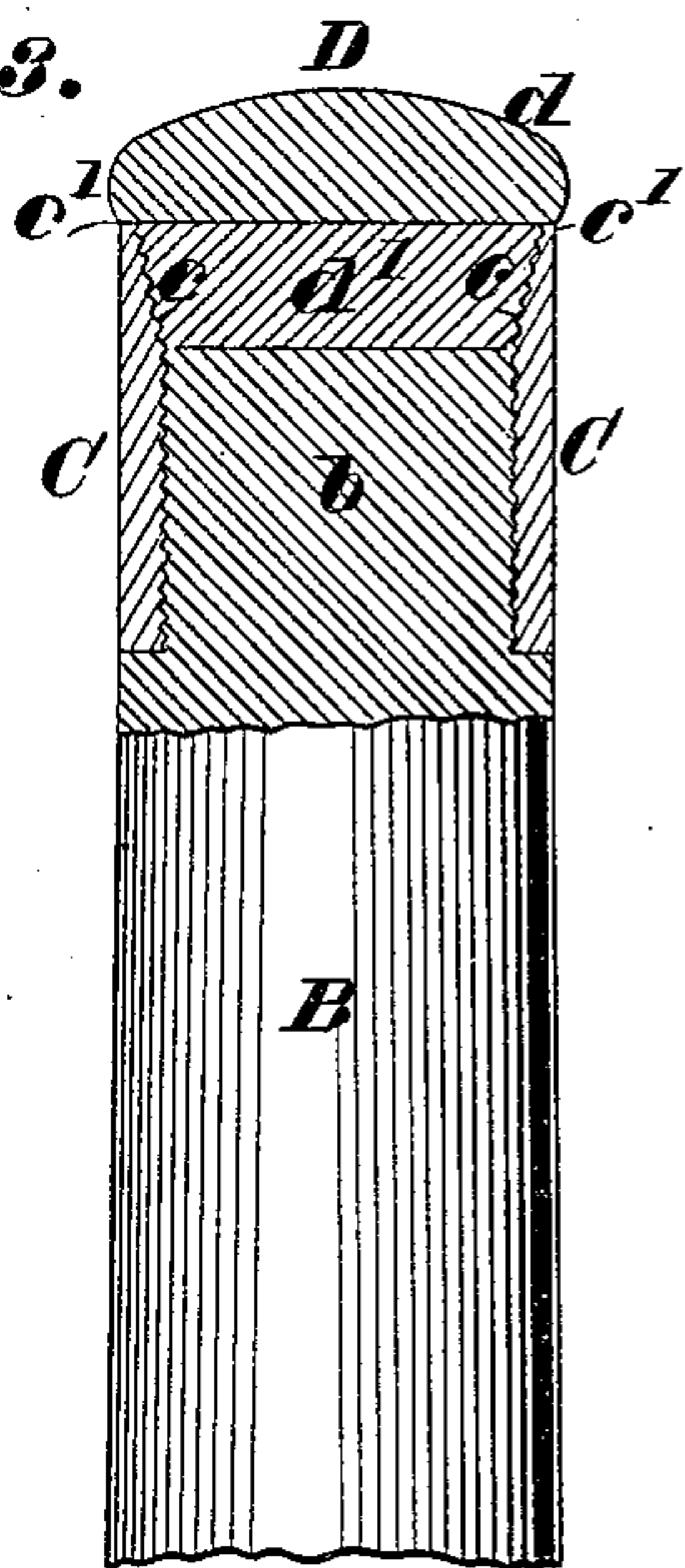
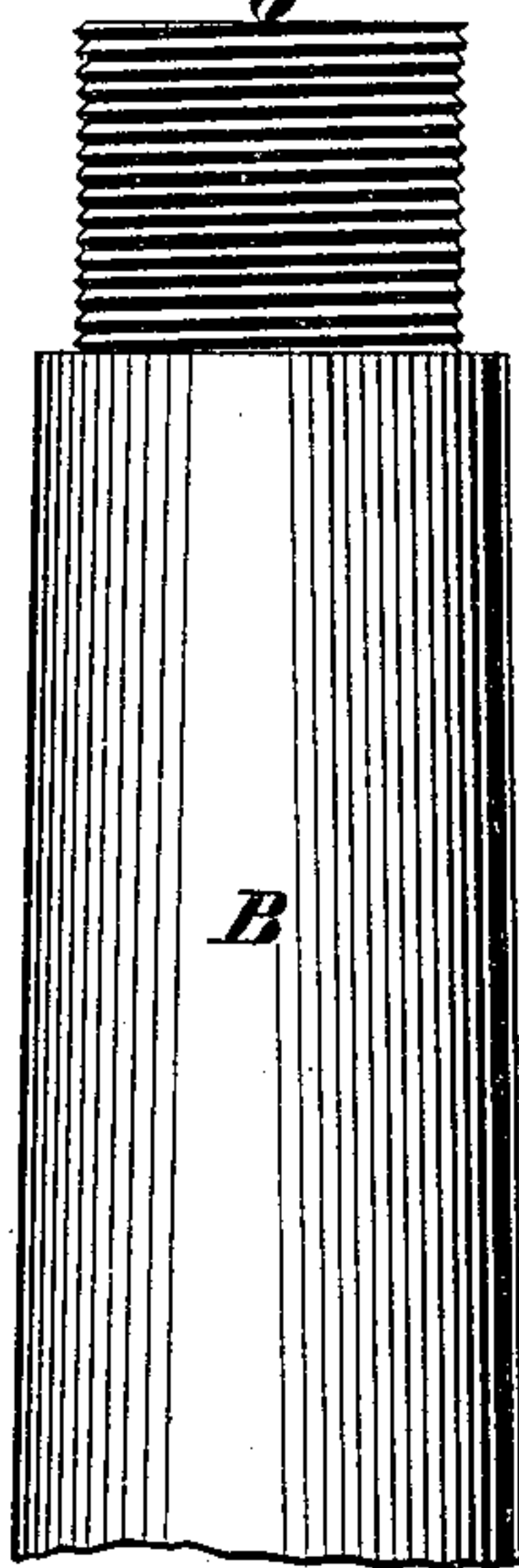


Fig. 6.



Attest:

Charles Pickles
Notary Public

Inventors:

George L. Williams,
Henry Rundle,
by E. D. Moody, atty.

UNITED STATES PATENT OFFICE.

WILLIAM WILLIAMS, OF HUNTINGDON, PENNSYLVANIA.

STOCK-CAR.

SPECIFICATION forming part of Letters Patent No. 250,862, dated December 13, 1881.

Application filed May 7, 1881. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM WILLIAMS, a citizen of the United States, resident at Huntingdon, in the county of Huntingdon and State of Pennsylvania, have invented certain new and useful Improvements in Stock-Cars; and I do hereby declare the following to be a full, clear, and exact description of the invention, 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, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a perspective view of the device. Figs. 2, 3, and 4 are details.

This invention relates to improvements in stock-cars, for the purpose of feeding and watering stock while in transit.

The invention consists in the construction herein set forth.

In the accompanying drawings, in which like letters of reference indicate like parts, A is a stock-car, having the water trough or reservoir B running along the apex of the deck or roof C. The lid or cover *b* of the trough, when closed, forms a foot board or way.

At the apex of the roof or deck, in the interior of the car and parallel to the trough or reservoir B, and connected therewith by tubes *b'*, having valves *b²* or their equivalent, is pipe D, from which pipe there run branch pipes E F, located at intervals, in sufficient quantities throughout the car, on both sides, controlled by cocks to furnish stock with water, either for showering or drinking purposes. The pipes for the purpose of producing a shower or sprinkling stock are perforated, as shown at E, and the others, F, run down to the troughs C', where they have their cocks *g'*, by which the water flowing in the troughs can be controlled. The

troughs C' are held up in place by chains H, and are hinged, so as to allow them to be turned down by means of notches *g²*, and when turned down the troughs fit snugly around the studding *a* of the car.

I is the water-supply stand-pipe, having a joint, *i*, for the purpose of swinging it in a lateral position to the track when not in use. The joint *i* is made water-tight, when in position to supply the water to the trough C', by means of washer *j*.

K are rods, made fast at their upper ends, K', to the roof or deck of the car, and their lower ends, K², to the side below. These rods have their curve K³, which fits up in the angles formed by the roof and sides of the car. L are rods, which form the rack and support the hay, having eyes *e*. These supporters L are held in the bracket-rods K by the latter passing through the eyes *e*. In this way the hay-rack can be slid up overhead when not in use.

What I claim is—

1. The trough B, in combination with pipe D, having the branch pipes E F arranged at intervals throughout the car and projecting in opposite directions, the pipes E being perforated, all for the purpose as set forth.

2. Rods K, attached to the roof and side of the car, and bent up into the angle formed by the roof and side, in combination with supporters L, having eyes *e*, as set forth.

3. Car A, having studding *a*, in combination with hinged trough C', having notches *g²*, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM WILLIAMS.

Witnesses:

JNO. O. MURRAY,
ARTHUR DEVLIN.