

(No Model.)

S. C. TATUM, Jr. & J. HATFIELD.

BROOM RACK.

No. 333,900.

Patented Jan. 5, 1886.

Fig. 1.

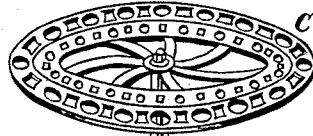


Fig. 2.

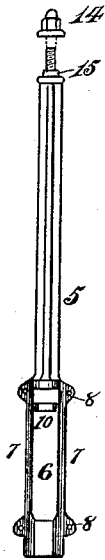


Fig. 3.

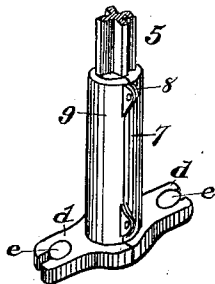


Fig. 4.

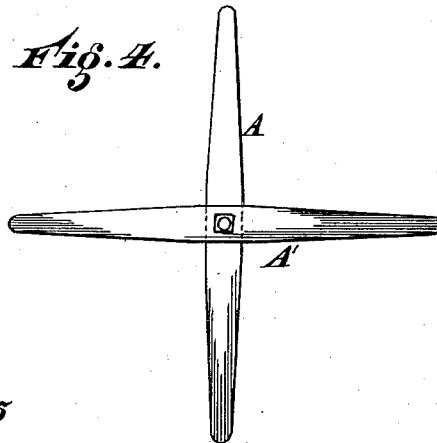
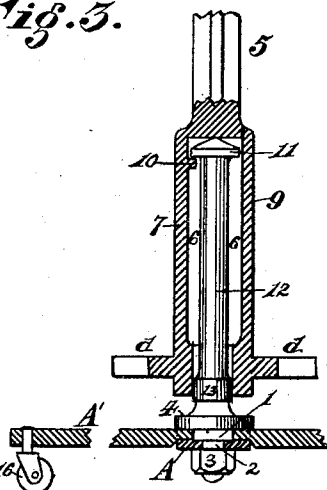


Fig. 5.



Attest

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UNITED STATES PATENT OFFICE.

SAMUEL C. TATUM, JR., AND JAMES HATFIELD, OF CINCINNATI, OHIO,
ASSIGNORS TO S. C. TATUM & CO., OF SAME PLACE.

BROOM-RACK.

SPECIFICATION forming part of Letters Patent No. 333,900, dated January 5, 1886.

Application filed June 16, 1885. Serial No. 168,865. (No model.)

To all whom it may concern:

Be it known that we, SAMUEL C. TATUM, Jr., and JAMES HATFIELD, residents of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Broom-Racks, of which the following is a specification.

Our invention relates to an improved broom-rack.

The object of our invention is to obtain a light, cheap, portable, knockdown broom-rack.

Another object of our invention is to provide a swiveling rack, or one which will revolve on a stationary base, so that the various articles can be easily reached by turning the rack around, all of which will be fully set forth in the description of the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of our invention; Fig. 2, an elevation of one section of the post. Fig. 3 is a detail sectional view of the frame and revolving post, showing the spindle in elevation. Fig. 4 is a plan view of the spider-arms forming the base of the frame; Fig. 5, an enlarged perspective view of a bottom section of the post.

A A' represent cross or spider arms forming the base of the frame. They are preferably gained, one to fit in the other, as shown in section, Fig. 3, and they are held together by the tenon 1 2, the upper section, 1, being square and the lower section, 2, being round, so as to be provided with screw-threads to receive the nut 3.

12 represents a supporting stud or spindle, on which the revolving post 5 journals.

4 represents a shoulder on the base of the post 12, resting upon the cross-arm A', so as to form a rigid connection of the post to the cross-arms by means of the tenon and nut.

The swiveling post 5 is made of two pieces or sections, one being shown in Fig. 2, having its lower end cast of semi-cylindrical form, with flanges 7 and ears 8, which are adapted to fit the counterpart section, 9, which is secured to it by rivets, so as to form the socket or journal bearing of the united pieces, as shown in Fig. 3.

10 represents a lug cast upon the inside of one of the semi-cylindrical sections, over which engages the flange of head 11, on the spindle or post 12. The flange or head 11 prevents the post 5 from being lifted off its bearing when the stud 12 is placed in position in the socket, and the sections riveted together.

13 represents a bearing-section at the base of stud or spindle 12, on which the lower end of socket 6 journals, and the flanged head forms a journal-bearing for the upper end of the socket. By making the socket of two pieces, cast in this way, the parts may be made of cast-iron without fitting.

B represents the lower supporting-head of the rack. It is provided with the flanged hub c, and with arms a, connecting the hub to the rim, which is perforated with holes or indentations to receive the end of broom-handles and other similar articles. This head B is made of arms, rims, and a hub, so as to lessen the weight, instead of being made in disk form. This head is secured to the revolving post 5 by means of flanges d d, cast on and with the sections 7 and 9.

E represents rivets or screw-bolts for securing the parts to the flanged rim c.

C represents a head attached to the upper end of post 5, to which it is secured by means of a nut, 14, and tenon 15, which is preferably made square or many sided, so as to prevent its turning on the tenon. Heads B and C therefore revolve freely with the swiveling post 5. The upper head, C, is preferably made of the same form and dimensions as the lower head, B, so as to bring the holes in the periphery of the rims opposite each other.

Any desired form of configuration may be employed to present a neat and tasty appearance.

16 represents casters on the cross-arms or spiders A A'.

The parts are preferably made of cast-iron. They can be readily taken apart, packed in small dimensions, and shipped knockdown, and when put together form a neat, strong, and convenient article.

Having described our invention, what we claim as new is—

1. The combination, with the cross-arms

A A' and spindle 12, detachably secured thereto, of the post 5, formed in two sections, provided with socket 6 and lug 10, and carrying the heads B and C, substantially as described.

2. A knockdown broom-rack composed substantially of the supporting-base A A', spindle 12, socket-post 5, and heads B C, attached to said post, substantially as specified.

10 3. In combination with the post 5, carrying heads B C, the sectional socket 6, forming the base of the post and provided with lug 10, adapted to receive and hold the flange 11 of spindle 12, substantially as specified.

In testimony whereof we have hereunto set our hands.

SAMUEL C. TATUM, JR.
JAMES HATFIELD.

Witnesses:

JNO. S. ROEBUCK, Jr.,
E. E. WOOD.