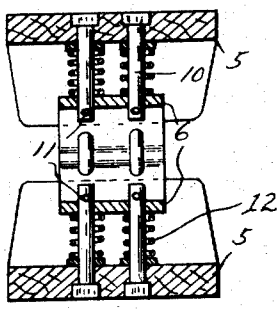
April 30, 1929. L. J. LA MEASURE 1,710,932

GARMENT CLEANING APPLIANCE

Filed Nov. 1, 1926

Fig. 4.



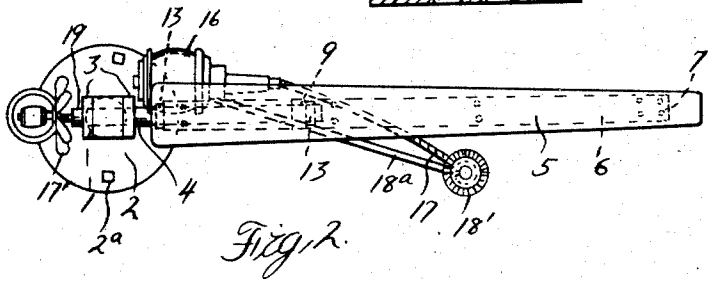


Fig. 2.

Fig. 3.

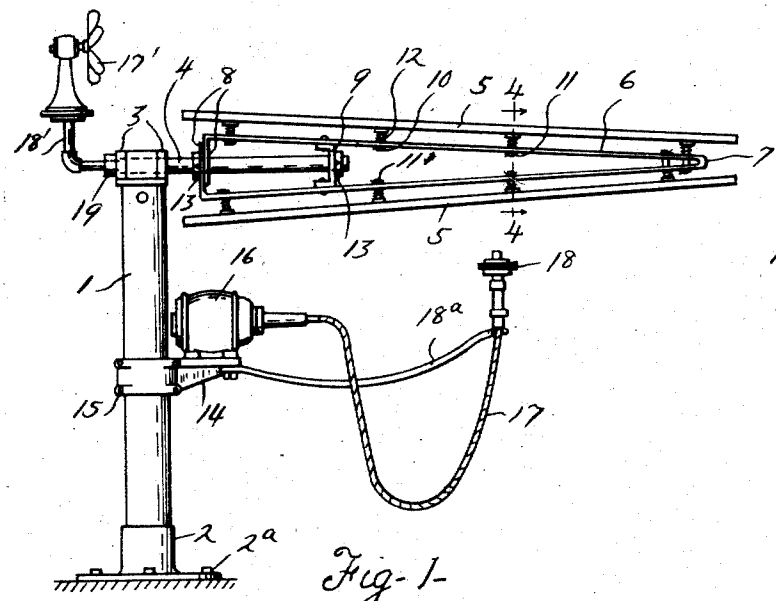
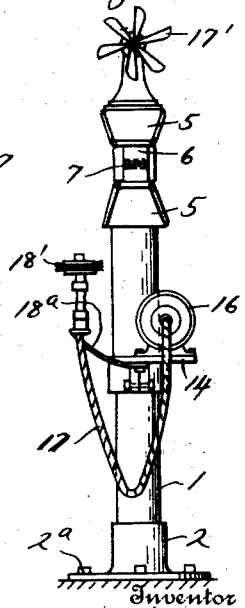


Fig. 1.



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UNITED STATES PATENT OFFICE.

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GARMENT-CLEANING APPLIANCE.

Application filed November 1, 1926. Serial No. 145,561.

This invention relates to garment supports, and relates particularly to devices for supporting trousers or other garments while the same are being brushed or otherwise cleaned.

It is an object of the invention to provide a support which may be very quickly engaged by a leg of a pair of trousers (or by some other garment) and which will hold the garment stretched to facilitate cleaning thereof.

Another object is to provide a garment support mounted rotatively so that either side thereof may be readily turned uppermost to facilitate cleaning of the garment.

These and various other objects the invention attains by the construction hereinafter described, and illustrated in the accompanying drawings, wherein:

Figure 1 is a view in side elevation of a unit including the herein described support, brushing means, and fan.

Figure 2 is a top view of said unit.

Figure 3 is an end view thereof.

Figure 4 is an enlarged cross-section view of the garment support, taken upon the line 4—4 of Figure 1.

In these views the reference character 1 designates a pillar having a base 2 which may be suitably secured to a floor as by screws or bolts 2^a. Said pillar carries at its upper end a pair of spaced bearings 3 for a rock shaft 4. The shaft 4 projects horizontally from said pillar at one side thereof to rotatively mount a garment support comprising a pair of boards 5 at opposite sides of the axis of said shaft which are oppositely inclined to said axis at a slight angle. Said boards are mounted upon a frame formed by a metal bar 6 which is bent substantially midway of its length at an acute angle as indicated at 7 to form acutely divergent portions which at their extremities remote from the angle 7 are bent toward each other in an overlapping relation as indicated at 8 and are mounted loosely upon the shaft 4. Co-acting with the end portions 8 to mount the frame 6 is a brace 9 extending between the divergent portions of said frame and journaled upon the shaft 4 in a spaced relation to said portions 8.

Each board 5 is mounted upon the adjacent side of the frame 6 by a plurality of pins 10 rigidly secured to said board in pairs, the members of which are arranged oppositely in a transverse relation to the board. Said pins pass loosely through the bars 6 and carry cotter pins 11 or the like retaining them in engagement with said frame. Upon each of said pins 10 is mounted a coiled spring 12 between the frame 6 and the board 5 holding said boards yieldably spaced outwardly from said frame. The garment support comprising the board 5 and the frame 6 is held from longitudinal shifting upon the shaft 4 by a pair of set collars 13 or other suitable means.

14 designates a bracket which is vertically adjustable upon the pillar 1 and is adapted to be held in a selected position of such adjustment by bolts 15. Upon said bracket is mounted fast an electric motor 16 which has a drive connection with one end of an elongated flexible shaft 17 carrying upon its other end the rotary brush 18. An arm 18^a projecting from the bracket 14 supports the brush and shaft when not in use.

It is preferred, furthermore, to mount upon the top portion of the pillar 1 a motor driven fan 17′ so arranged as to discharge a current of air lengthwise of the garment support 5, 6 in proximity to and above said support, and in the illustrated embodiment of the invention said fan and its drive motor are mounted upon an upright arm 18′ having its lower portion horizontally bent and secured to a boss 19, on the upper end of the pillar.

In the use of the described apparatus the garment to be cleaned, such for example as a pair of trousers, is mounted upon the support 5, 6 by extending a leg of said trousers over said support so that said leg is fully extended upon said support and is held stretched by the boards 5. The spacing of said boards is preferably such that the springs 12 will require a slight compression to permit the trousers leg to engage the support, and said springs will consequently maintain a firm pressure of the boards 5 upon the leg. The motor 16 having been energized the brush 18 is now applied to the trousers to remove dust and dirt therefrom. Such dust and dirt is immedately blown away by a current of air discharging from the fan 17′. When one side of the garment has been cleaned the other side thereof is quickly positioned for cleaning by simply rotating the garment support 5, 6 through half a turn.

The described garment holder and cleaning mechanism may be used to particular advantage for cleaning the lint from under

the flaps of the seams of trouser legs. In this operation the trouser legs are turned inside out and are slipped one at a time upon the holder 5, 6 with the seams thereof in proximity to the boards 5. The brush 12 will quickly remove any dirt or lint from said seams throughout the length thereof and both seams are made readily accessible for cleaning by the rotative mounting of the holder 5, 6.

The convergent relation of the boards 5 facilitates the engagement of the holder with a trousers leg and furthermore, renders the holder conformable to the usual taper of a trousers leg.

What I claim is:

1. A garment support comprising a frame, means journaling said frame, and garment engaging members carried by opposite sides of said frame and yieldable to and from the frame.

2. A garment support comprising a frame, means journaling said frame for rotation, and a pair of garment engaging members mounted upon said frame at opposite sides of said journal member and diverging at an acute angle.

3. A garment support comprising a frame, means journaling said frame for rotation, and a pair of garment engaging members mounted upon said frame at opposite sides of its axis of rotation and diverging at an acute angle and yieldable to and from said frame.

4. A garment support comprising a frame, means journaling said frame for rotation, and a pair of garment engaging members mounted upon said frame at opposite sides of its axis of rotation and acutely diverging from said axis, one of said members being yieldable to and from said frame.

5. The combination with a garment support having opposite faces acutely diverging from end to end of said support, of means associated with that end of the support at which said faces have the greatest divergence journaling said support for rotation about an axis substantially bisecting the angle between said faces.

6. A garment support comprising a frame of an approximate wedge-shape having a journal member at its widest end for rotatably mounting said frame, of a pair of garment engaging members mounted upon said frame and diverged in conformity to the taper of said frame and yieldable to and from said frame.

7. A garment support comprising a frame, a pair of convergent garment engaging members disposed adjacent opposite sides of said frame, a plurality of pins mounting said garment engaging members upon said frame, and providing for movement of said members to and from the frame, and springs carried by said pins urging said members from the frame.

8. A garment support comprising a frame having journal means at one end thereof, of a pair of garment engaging members mounted oppositely upon said frame and converging toward the other end thereof.

9. A garment support comprising a frame having convergent opposite sides, a pair of garment engaging members spaced from said sides and converging similarly to said sides, and means mounting said members yieldably upon the frame.

10. A garment support comprising a pair of spaced elongated members having acutely diverging garment engaging faces, and means journaling said support to rotate about an axis substantially bisecting the angle between said faces.

11. A garment support comprising an elongated frame, means journaling said frame to turn about its longitudinal axis, and a pair of garment engaging members extending upon said frame lengthwise thereof, and at opposite sides of said axis and yieldable to and from the frame.

12. A garment support comprising an elongated frame, means journaling said frame for rotation, a pair of garment engaging members mounted upon said frame at opposite sides of its axis of rotation, one of said members being yieldable to and from said frame.

13. A garment support comprising an elongated frame, a pair of convergent garment engaging members extending lengthwise of said frame adjacent to opposite sides of the frame, a plurality of pins mounting said garment engaging members upon said frame and providing for movement of said members to and from the frame, and springs carried by said pins urging said members from the frame.

14. A garment support comprising a pair of elongated garment engaging bars similarly tapered from end to end, and means between said bars connecting them in a unitary relation, and journal means engaging the last named means and establishing an axis of rotation for the bars extending lengthwise thereof.

15. A garment support comprising a pair of elongated garment engaging members diverging at an acute angle, means connecting said bars in a unitary relation, journal members engaging the said last named means and means coacting with said journal members to establish an axis of rotation for the bars substantially bisecting the angle of divergence of the bars.

16. A garment support comprising a pair of spaced elongated members having acutely divergent garment engaging faces, and movable to and from each other, means connecting said members in a unitary relation, means establishing an axis of rotation for said members substantially bisecting the angle of divergence between said faces, and means yield-

ably resisting movement of said members toward each other.

17. A garment support comprising an elongated frame, means journaling said frame for rotation about an axis extending lengthwise of said frame, a pair of garment engaging members mounted upon said frame at opposite sides of its axis, and movable to and from said frame, and means between said members and frame resiliently resisting inward movement of said members.

In testimony whereof I sign this specification.

LAURENCE J. LA MEASURE.