April 26, 1927. **1,625,935**

I. W. COX

DRY STEAM SLEEVE FINISHING BOARD

Filed Oct. 15, 1926

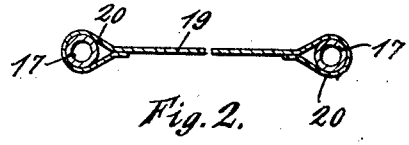


Fig. 2.

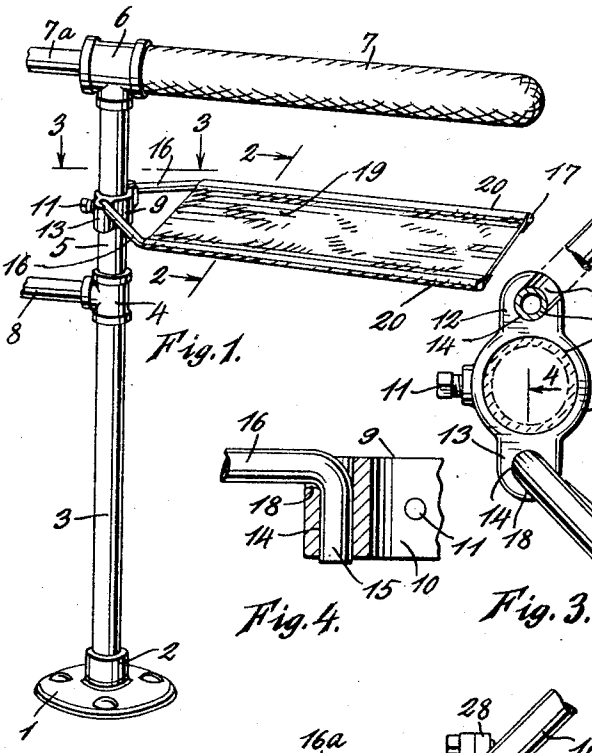


Fig. 1.

Fig. 4.

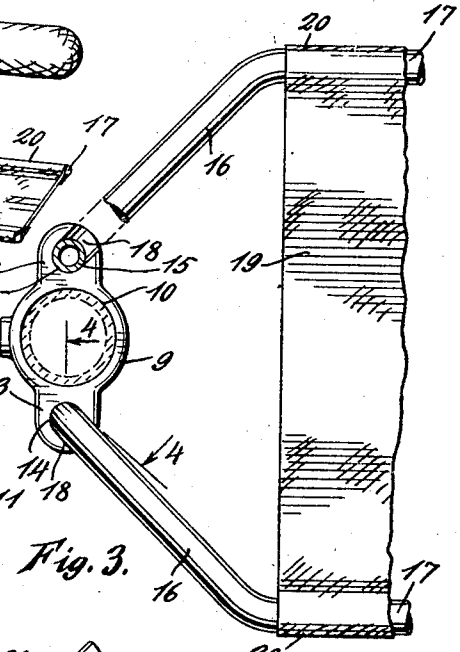


Fig. 3.

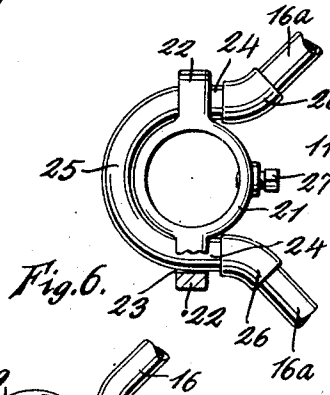


Fig. 6.

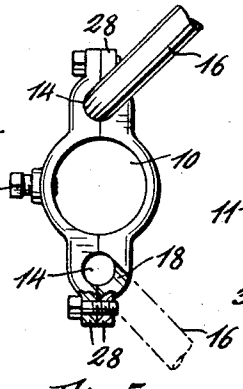


Fig. 5.

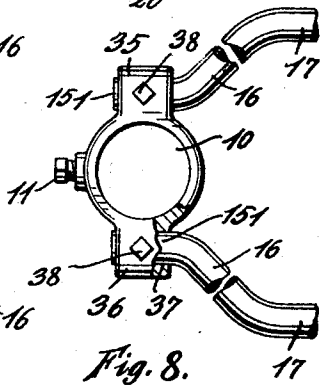


Fig. 8.

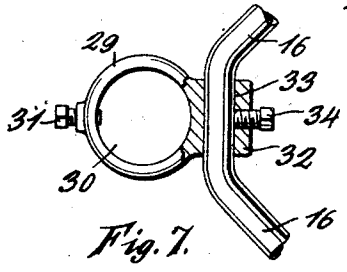


Fig. 7.

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Patented Apr. 26, 1927. 1,625,935

UNITED STATES PATENT OFFICE.

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DRY-STEAM SLEEVE-FINISHING BOARD.

Application filed October 15, 1926. Serial No. 141,737.

This invention relates to improvements in the construction of dry steam sleeve finishing boards of the general type disclosed and claimed in Patent 1,592,655, granted to Wallace W. Campbell on July 13, 1926, and has reference more particularly to the addition of a supporting means or shelf.

In the operation of devices of this type, it frequently occurs that it is highly desirable to have a shelf or supporting surface underneath the horizontal arm of the steam board and it is to the construction of this shelf and its relationship to the other parts of the apparatus to which this application relates.

I will hereinafter point out the cooperative relationship of the steam arm and the shelf that is located beneath the same, but at this point I will merely mention that it is of great assistance in supporting the garment while the sleeves are being finished and may also be used for supporting brushes and irons.

My invention can be most clearly described and will be most readily understood when reference is had to the accompanying drawing in which the preferred construction has been illustrated and in which:

Fig. 1 is a perspective view of a steam finishing board of a simple design and shows the supporting shelf in place thereon;

Fig. 2 is a section taken on line 2—2, Fig. 1;

Fig. 3 is a section taken on line 3—3, Fig. 1, showing a top plan view of the shelf, a portion of one of the arms being broken away to better disclose the construction;

Fig. 4 is a section taken on line 4—4, Fig. 3;

Fig. 5 is a top plan view of a modified form of collar;

Fig. 6 is a view similar to that shown in Fig. 5 and shows another modification;

Fig. 7 is a top plan view similar to that shown in Fig. 6 with a portion broken away to better disclose the construction; and

Fig. 8 is a top plan view of another modified form.

In Fig. 1 I have illustrated in a conventional way a steam sleeve finishing board which has a base 1 having a central hub 2 to which the lower end of the pipe 3 is threaded, a T 4 connects the pipe 3 with an upper section 5, to the upper end of which the T 6 is connected. A steam board 7 is secured to one side of said T and extends outwardly at right angles to the pipe 5. Steam is admitted through pipe 7^a and leaves through pipe 8. The construction just described, merely serves to illustrate my present invention and is not intended to define in detail the construction of an operative steam sleeve finishing board.

In the operation of these finishing boards, it has been found very desirable to provide a shelf or supporting surface directly beneath the arm 7. Such a shelf serves as a support for the garment whose sleeves are being finished and greatly facilitates the operation by relieving the operator of the necessity of supporting the entire garment or letting it drag on the floor, such a shelf can also be utilized for other purposes, but its main function is to cooperate with the steam board 7 in the manner described.

In Figs. 1, 2, 3 and 4, I have illustrated one form of my invention. In this embodiment I have provided a collar 9 which has a central opening 10 for the reception of the pipe 5, a set screw 11 serves to clamp this collar onto the pipe or support and to hold it in adjusted position. The collar 9 has two diametrically opposed lugs 12 and 13 which are each provided with an opening 14 for the reception of the bent end 15 of the corresponding arm 16. There are two supporting arms 16 which are identical except that one is a "right" and the other a "left". Each of these arms has a straight portion 17 that projects outwardly at an angle from the part indicated by numeral 16. The parts 17 are intended to be adjusted so that they will be parallel with each other and with the axis of the steam board 7 (Fig. 1). For the purpose of preventing the arms 16 from rotating about the axis of the end portions 15, I have provided the collar 9 with notches 18 which are adapted to receive the portion of the part 16 that is nearest to the bent end 15 (Figs. 3 and 4). A piece of canvas 19 of the proper width is provided with hems 20 which are adapted to receive the straight parallel parts 17 and to form a supporting surface or shelf which lies beneath and extends substantially the entire length of the steam board 7. By loosening the set screw 11, this shelf can be adjusted vertically towards and away from the steam board 7 so as to make it possible to obtain the position best suited for the particular purpose.

In Fig. 6 I have shown a modified con-

struction in which the collar 9 has been replaced by a similar collar 21 provided with diametrically projecting ears or lugs 22, which have openings 23 for the reception of the parallel sides 24 of the U-shaped member 25, the ends 16ª which correspond to the parts 16 of the arms shown in Fig. 3 are secured to the parts 24 by means of forty-five degree L's 26, a set screw 27 which corresponds to the set screw 11 holds this collar and attached parts to the pipe 5.

In Fig. 5, I have shown a collar that is similar to the one shown in Figs. 1, 3 and 4, but which is made in two parts which are held together by means of bolts that pass through the ends 28. This construction permits the collar to be applied to and removed from the pipe 5, after the steam sleeve finishing board has been assembled.

In Fig. 7 I have shown a collar 29 having an opening 30, a set screw 31 and a lug 32 projecting from one side thereof. This lug has an opening 33 which is perpendicular to a line extending through the center of the opening 30. The pipe from which the shelf supporting arms are formed passes through the hole 33 and is clamped in place by means of the set screw 34.

The modified collar shown in Fig. 8 is similar to that shown in Fig. 3 and differs from it merely in the shape of the lugs 35 and 36. In this modified construction these lugs have holes 37 that extend at right angles to the axis of the opening 10 and which receive the ends 151 that correspond to the ends 15 and Figs. 3 and 4. Set screws 38 serve to secure the arms to the lugs.

It will be observed that in all of the suggested constructions, there is a collar that can be clamped onto the pipe 5 and which has openings for the reception of the arms that form the framework of the shelf.

Having now described the invention, what is claimed as new is:

1. A supporting shelf adapted to be secured to a vertical support, comprising, a collar having a central opening adapted to receive said support and two openings for the reception of supporting bars, one of said last named openings being located on each side of the central opening, a bar having one end secured in each of said openings means for adjustably securing the collar to the support and a fabric stretched between said arms.

2. A shelf adapted to be adjustably secured to a vertical support, said shelf comprising a collar having a central opening adapted to receive said support and two smaller openings which are located on opposite sides of the central opening and spaced equidistantly therefrom, the axes of all three openings being parallel, said collar having two notches in its upper surface, each of said notches communicating with one of said small openings a pair of supporting arms each having one end in one of said smaller openings and a portion lying in one of said notches whereby the arms will be held against movement with respect to the collar and with respect to each other and a piece of fabric secured at its ends to said arms.

In testimony whereof I affix my signature.

IRWIN W. COX.