Aug. 21, 1956 C. S. NORDBLOM 2,759,645

SLEEVE FORM PRESSER

Filed Oct. 21, 1954 3 Sheets-Sheet 1

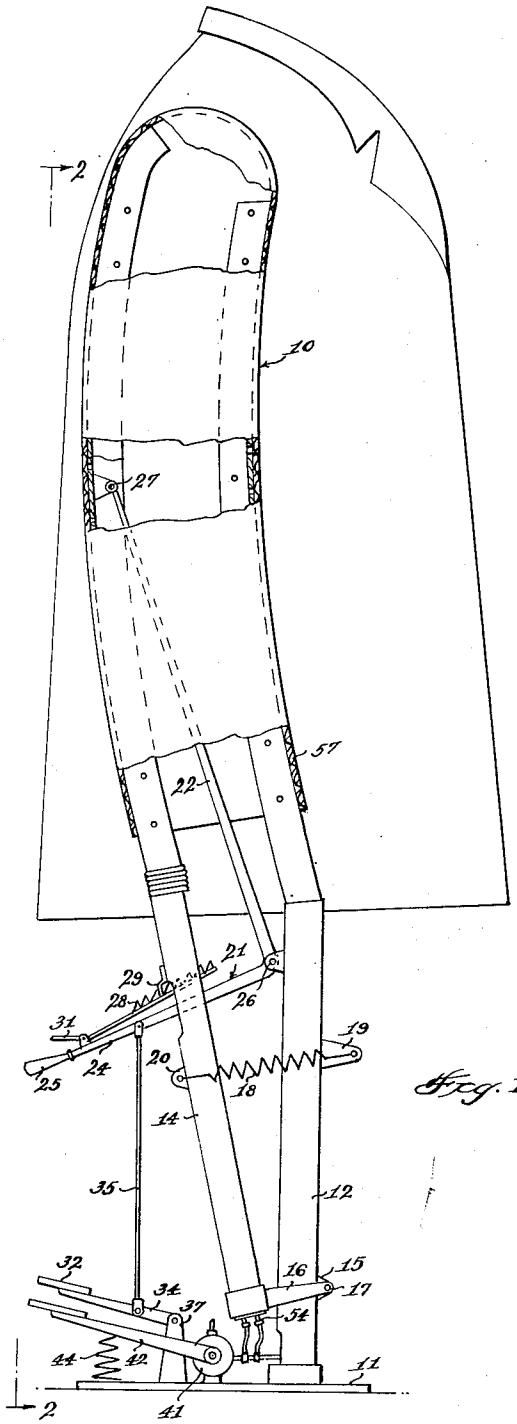


Fig. 1.

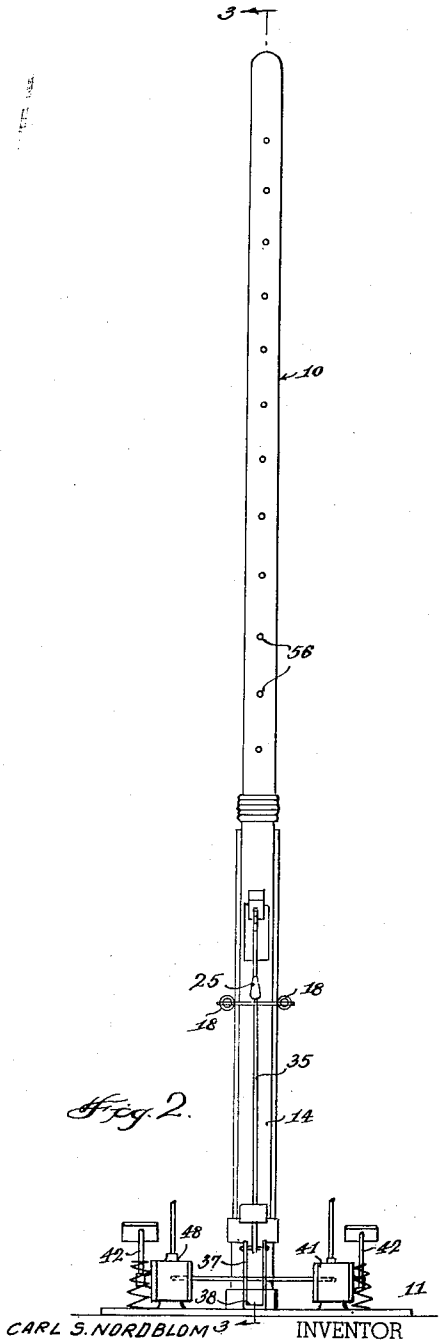


Fig. 2.

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Aug. 21, 1956 C. S. NORDBLOM 2,759,645

SLEEVE FORM PRESSER

Filed Oct. 21, 1954 3 Sheets-Sheet 2

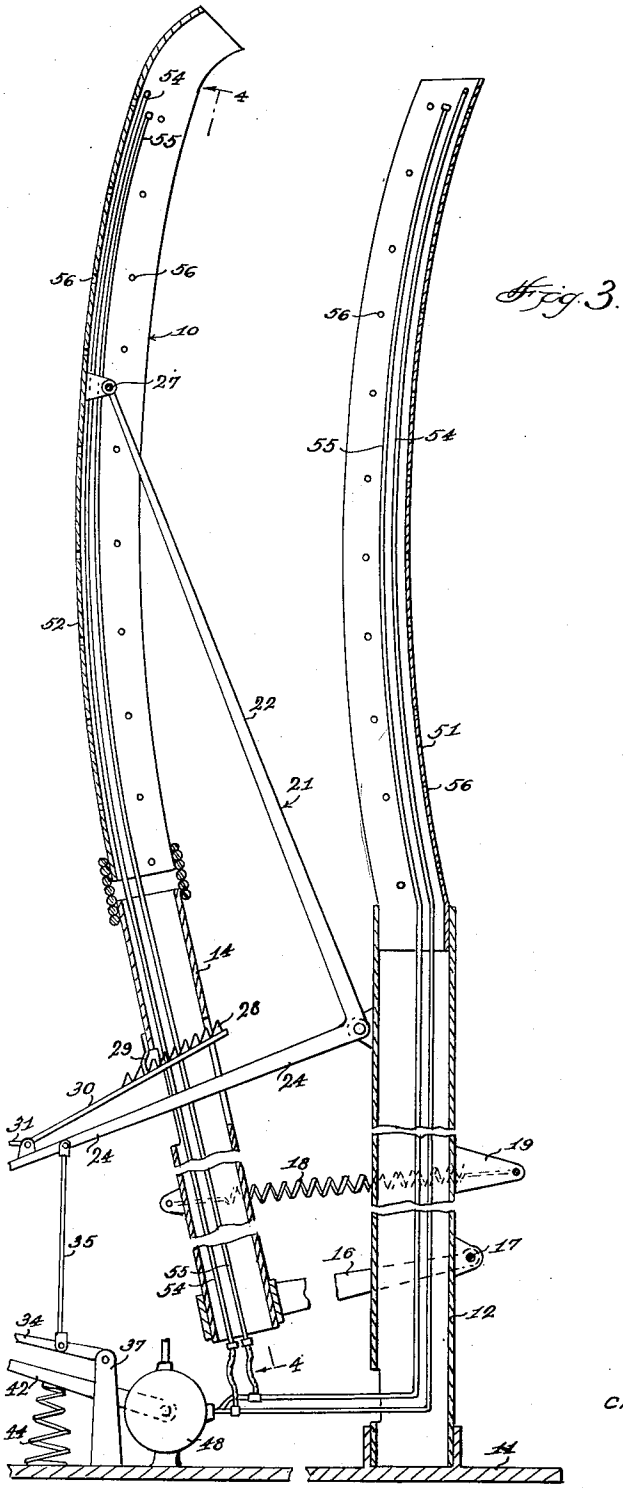


Fig. 3.

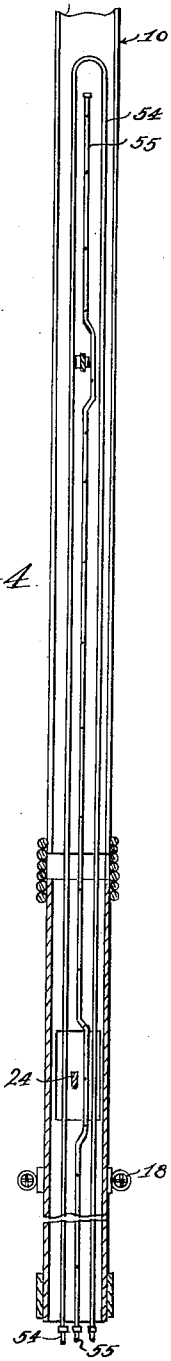


Fig. 4.

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SLEEVE FORM PRESSER

Filed Oct. 21, 1954 3 Sheets-Sheet 3

Fig. 5.

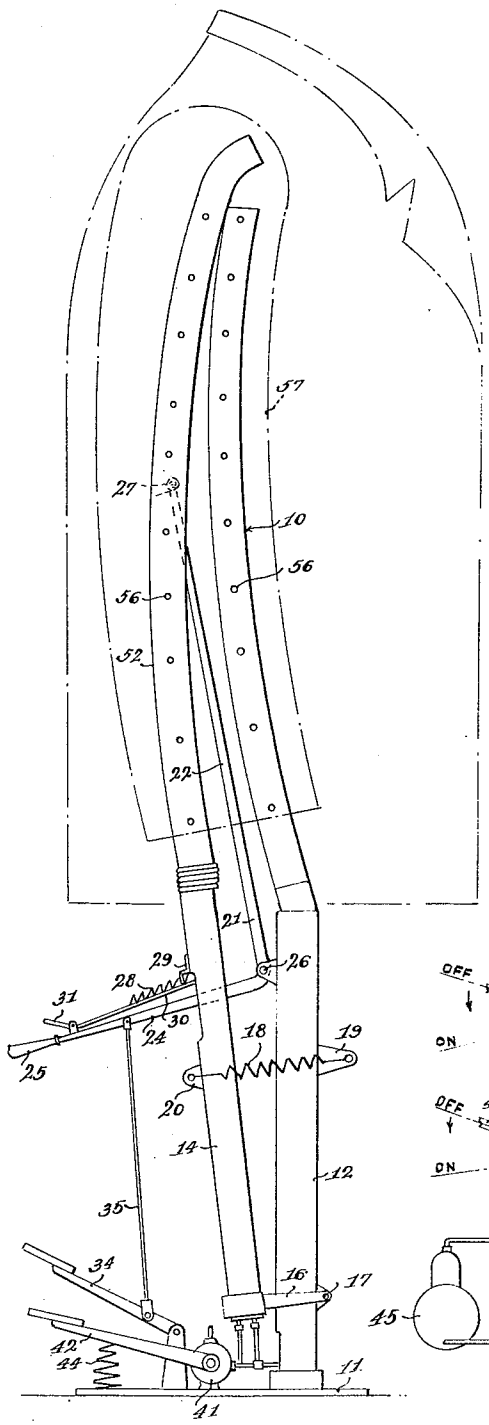
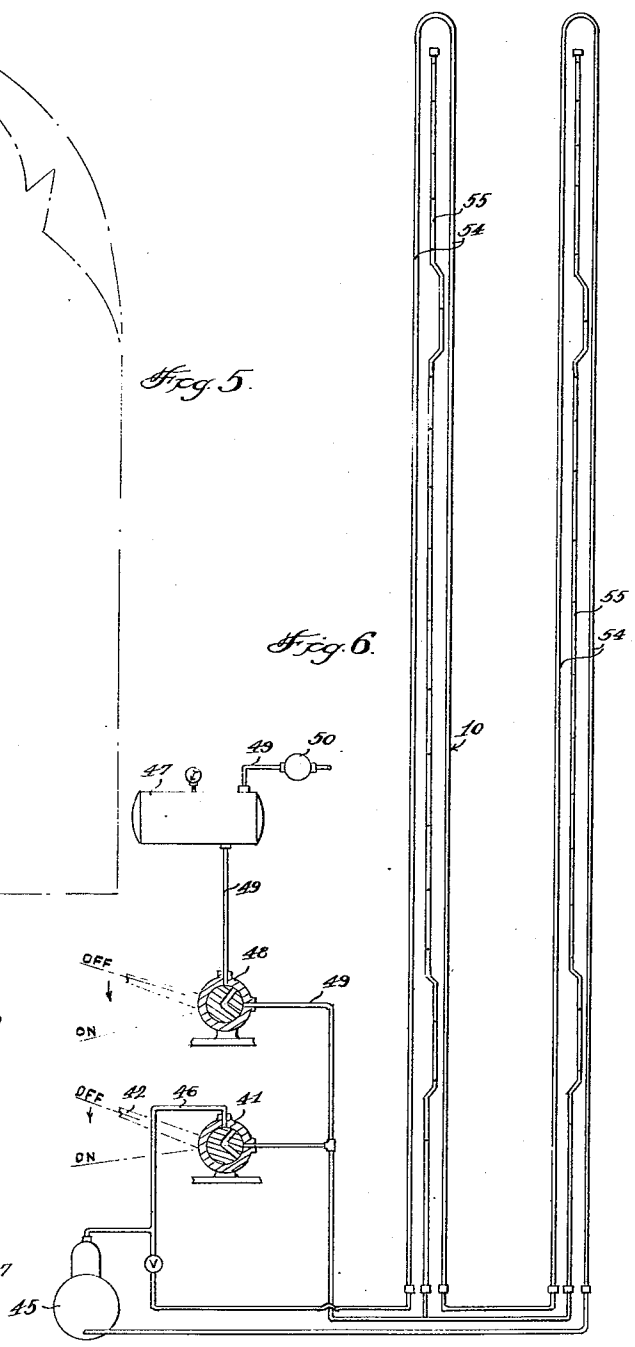


Fig. 6.



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United States Patent Office 2,759,645 Patented Aug. 21, 1956

2,759,645

SLEEVE FORM PRESSER

Carl S. Nordblom, St. George, Utah

Application October 21, 1954, Serial No. 463,657

1 Claim. (Cl. 223—74)

This invention relates to a sleeve presser or sleeve pressing device for the sleeve of a coat or the like.

It is an object of this invention to provide a sleeve pressing device which in manually actuated by a tailor or other person pressing a suit or at least the coat thereof, the operation of the device also being actuated by a steam valve for the device for its use while pressing a sleeve, as the sleeve of a suit coat.

It is another object of this invention to provide a sleeve pressing device of the kind to be more particularly described hereinafter so constructed and arranged that it is easily manually actuated to press a sleeve of a garment in its desired correct form to suit and fit the wearer thereof.

It is a further object of this invention to provide a sleeve form presser device of this kind which is easily actuated by the operator with little or no previous mechanical experience or training being necessary.

Other and further objects and advantages of the invention will be hereinafter described and the novel features thereof defined in the appendd claim.

In the drawings:

Fig. 1 is a side elevation of a sleeve form pressing device constructed according to an embodiment of my invention, partly broken away and partly in section, the device being shown in its pressing position.

Fig. 2 is a front elevation of the sleeve presser taken substantially on the line 2—2 of Fig. 1.

Fig. 3 is a side elevation, partly broken away and partly in section, of my sleeve pressing device in its operative sleeve pressing position.

Fig. 4 is a vertical transverse section taken on the line 4—4 of Fig. 3.

Fig. 5 is a side elevation of my invention with the pressing elements thereof in their inoperative position.

Fig. 6 is a diagrammatic showing of the operative elements of my invention in their general relation to each other.

Up to this time there has been considerable difficulty in pressing a suit or blouse at the portion having the sleeves therein and with this in mind I have conceived and invented the sleeve pressing device constructed and arranged according to an embodiment of this invention.

The sleeve pressing device **10** is supported on a base **11** by a fixed supporting post **12** and a hinged supporting post **14** spaced from the supporting post **12** for hinged movement when and as required by the use of the sleeve pressing device **10**.

There is a bracket arm **15** on one of the posts, as the fixed post **12**, extending laterally outwardly therefrom to which is pivotally connected a lever arm **16** by a pivot pin **17** which engages one end of the lever arm and the other end of the lever arm is fixed in its relation to the hinged supporting post **14** as clearly indicated in the drawings.

A coil spring **18** is connected at one end to the bracket **19** on the fixed post **12**, spaced from the base **11** while the other end of the spring is connected to the bracket **20**

on the fixed post **14**. In this manner the hinged post **14** is constantly urged toward the fixed post **12** as can be clearly discerned from the showing in the attached figures.

This movement between the hinged member **14** and the fixed member **11** is automatic and inherent in the structure of the pressing device, because of the spring **18**, but the hinged supporting post **14** is moved from its substantially parallel relation to the fixed supporting arm **12** by the movement of the manual lever **21** by the tailor or other person using the herein described sleeve pressing device **10**.

The manually actuated lever **21** is formed with a vertically extending arm **22** having a perpendicular, substantially horizontal arm **24** on one end thereof with a handle **25** on the outer end of the perpendicular arm **24**. The manual lever **21** is pivotally connected to the fixed post **12**, intermediate the length of the manual lever **21** by a hinge pin **26** and the other end or outer end of the vertical arm **22** is connected to the hinged post by way of the hinge pin **27** remote from the hinge of the hinge post **14**.

In order to maintain the hinged arm or post **14** in its selected relationship to the fixed supporting post **12** I have provided a latch **28** intermediate the length of the horizontal arm **24** which is clearly shown in Figs. 1, 3, 5 of the drawings.

The latch **28** is provided with a series of teeth along the length thereof any one of which is engageable with a keeper **29** which is carried by the hinged post **14**. By this arrangment of the keeper in relation to the latch it is known that the latch is secured to a lever **30** adjacent to one end thereof. One end of the lever **30** of the latch is provided wtih a finger engaging portion by which the hinged post **14** may be moved to or from the fixed post **12**.

Besides the movement of the latch lever **30** by way of the fingers or hand of the operator of the sleeve pressing device **10**, such arrangement between the hinged post **14** and fixed support post **12** may be affected by a foot pedal **32** which may be actuated by the tailor or operator of the pressing device. On the foot pedal **32** there is provided a foot lever **34** within easy reach of a foot of the tailor or operator. A rod **35** is connected between the foot lever or pedal **32** and intermediate the length of the perpendicular arm **34** of the manual lever **21** so that this manual lever **21** may be moved by the hands of the operator or the feet thereof.

To effect the movement of the manual lever **21** by the pedal lever **32** a U-shaped bracket **36** is secured on the base **11** which bracket has vertically extending transversely spaced apart arms **37** and the bight **38** secured directly to the base **11**.

Also operable by the feet of the tailor or operator there is provided a steam valve **41** having an outwardly extending valve operating arm **42** secured thereon which valve arm is engageable on one end of a coil spring **44** for closing the steam valve **41** when the valve is not being actuated by an operator of the sleeve pressing device **10**.

The steam for the steam valve **41** is originated in a steam boiler **45** connected to the valve by the steam line **45** so that the steam from the boiler **45** is introduced to a sleeve of the garment being pressed at the time that the coil spring **44** is contracted by the feet of the operator at the time when the steam valve **41** is moved to an open position.

Also secured to or connected within the sleeve pressing device **10** there is provided a vacuum tank **47** which is connected to a vacuum rotary valve **48** by way of a vacuum line **49** which valve **48** is also foot actuated. The vacuum for the vacuum tank is produced by a vacuum pump **50** and this vacuum will cause the said

steam to be disposed away from the sleeve pressing device.

When a sleeve of a blouse, coat or other garment is to be pressed the sleeve will engage about the presser arm **51** on the fixed post and about the pressed arm **52** on the hinged post **52** so that when the valves are properly actuated the steam will be introduced into both of the arm **50** and **51** and through the garment to be pressed by way of the steam line **54** in the presser arms.

Also disposed within each of the presser arms **51** and **52** there is a vacuum line **55** in spaced relation to the steam line **54** to affect the removal of the steam from the presser arms after the sleeve has been properly pressed.

Each of th presser arms **51** and **52** has apertures **56** therethrough through which the steam from the steam lines **54** in the presser arms may be evacuated.

Referring more particularly to the drawings the reference numeral **57** designates generally a sleeve to be pressed by the presser arms **51** and **52** of the above described sleeve pressing device **10** after the presser arm **52** has been moved away from the fixed presser arm **51** and the steam and vacuum valves have been actuated by the operator of the device.

While the specific details of one embodiment of this invention have been herein shown and described, the invention is not confined thereto as changes and alterations may be made without department from the spirit and scope thereof as defined in the appended claim.

I claim:

A sleeve pressing device comprising a base, a vertically disposed tubular post fixed to said base, a longitudinally bent presser arm fixed at one end to said post and rising vertically therefrom, said arm being tubular and open along the convex inner side thereof, an inverted U-shaped steam discharge pipe in said arm, said arm having exaust apertures along the length thereof, a suction pipe line in said arm, a second longitudinally bent arm open along the inner concave side thereof and formed with exhaust apertures along the length thereof, a tubular support secured to the lower end of said second arm, means pivotally securing the lower end of said support to and in offset relation with respect to said post, a spring connected between said post and said support constantly urging said second arm toward said first arm, an inverted U-shaped steam discharge pipe in said second arm, a second suction pipe in said second arm, a bell crank lever pivoted at the angle thereof to said post, one side of said lever projecting upwardly, means pivotally securing the upper end of said one side of said lever to the inner side of said second arm, said support having a pair of aligned openings therethrough, the other side of said lever projecting loosely through said openings, an arm rocking pedal, means pivotally mounting said pedal on said base, a link pivotally connecting said other side of said lever to said pedal, a toothed latch member pivotally carried by said other side of said lever, a keeper carried by said support engageable with said latch member, and valved means connecting said steam discharge pipes with a source of steam supply.

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