

R. F. DOWNEY.

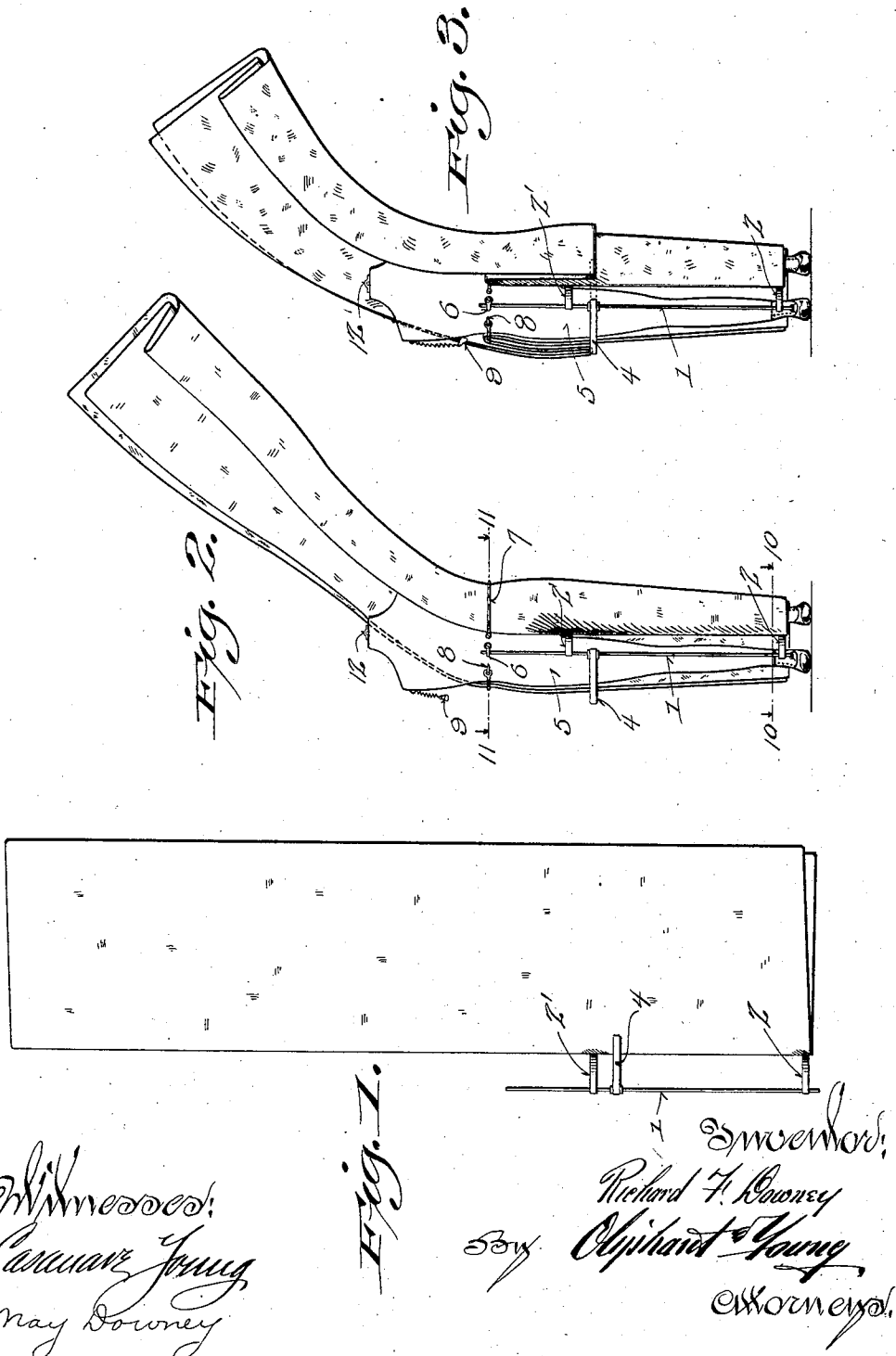
METHOD AND APPARATUS FOR DRAPING DUMMIES FROM AN UNCUT LENGTH OF CLOTH.

APPLICATION FILED FEB. 16, 1912.

1,024,927.

Patented Apr. 30, 1912.

3 SHEETS—SHEET 1.

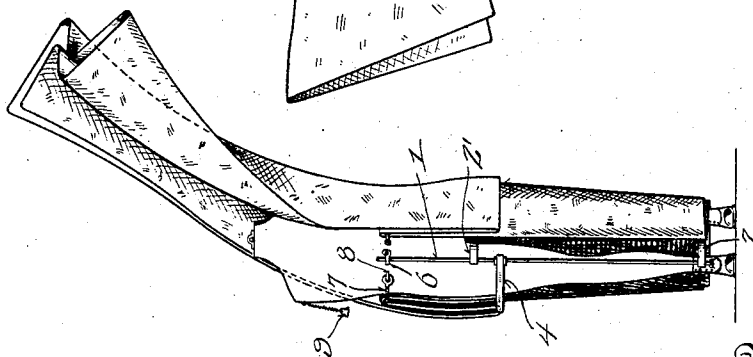
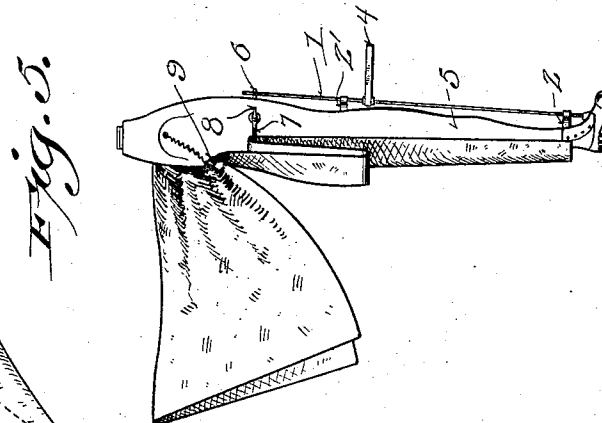
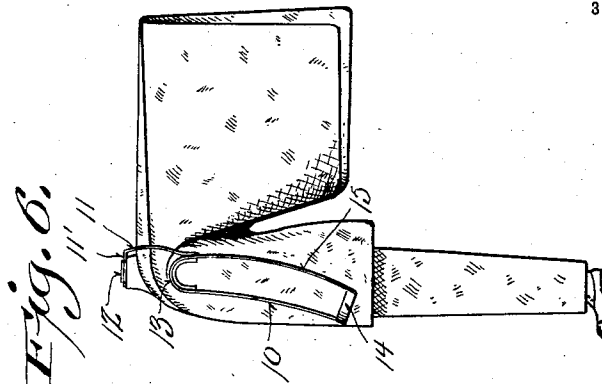


R. F. DOWNEY.
 METHOD AND APPARATUS FOR DRAPING DUMMIES FROM AN UNCUT LENGTH OF CLOTH.
 APPLICATION FILED FEB. 16, 1912.

1,024,927.

Patented Apr. 30, 1912.

3 SHEETS—SHEET 2.



*Witnessed:
 Charles Young
 May Downey*

Fig. 4.

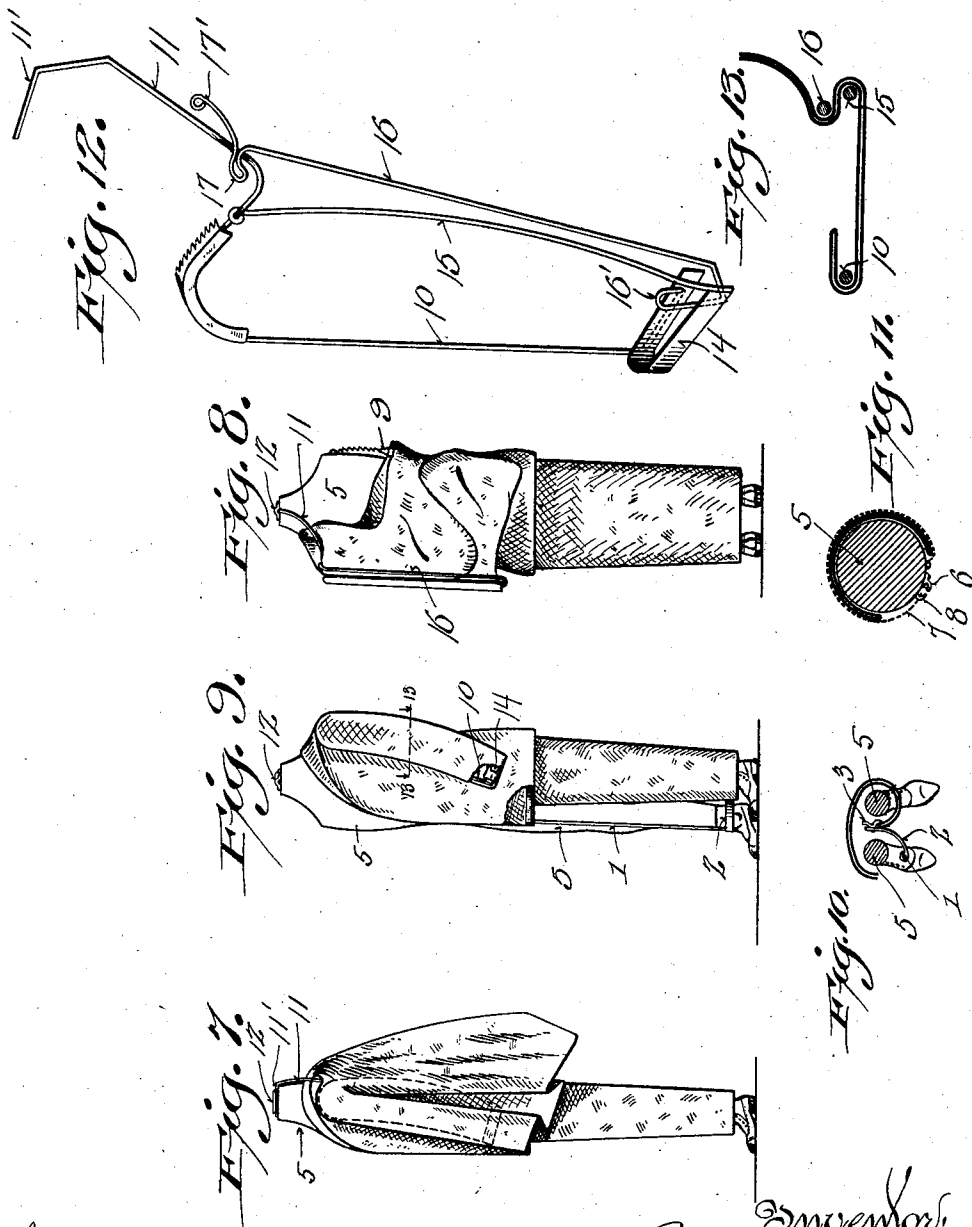
*Inventor:
 Richard F. Downey
 By *Clifton Young*
 Attorneys.*

R. F. DOWNEY.
METHOD AND APPARATUS FOR DRAPING DUMMIES FROM AN UNCUT LENGTH OF CLOTH.
APPLICATION FILED FEB. 16, 1912.

1,024,927.

Patented Apr. 30, 1912.

3 SHEETS—SHEET 3.



Witnessed:
C. A. G. G. G.
May 1912.

Inventor:
Richard F. Downey
By *Clifton H. H. H.*
Attorney.

UNITED STATES PATENT OFFICE.

RICHARD F. DOWNEY, OF MILWAUKEE, WISCONSIN, ASSIGNOR TO TAILORS' FORM COMPANY, OF MILWAUKEE, WISCONSIN.

METHOD AND APPARATUS FOR DRAPING DUMMIES FROM AN UNCUT LENGTH OF CLOTH.

1,024,927.

Specification of Letters Patent.

Patented Apr. 30, 1912.

Application filed February 16, 1912. Serial No. 678,118.

To all whom it may concern:

Be it known that I, RICHARD F. DOWNEY, a citizen of the United States, and resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Methods and Apparatus for Draping Dummies from an Uncut Length of Cloth; and I do hereby declare that the following is a full, clear, and exact description thereof.

The primary object of my invention is to provide a quick, simple and effective method and means for draping a garment length of cloth upon a dummy to produce the effect of a complete garment or suit, the method being particularly designed for displaying goods in merchant tailoring establishments for male customers in order to show the effect of a complete coat and trousers, said effect being produced by folding the entire length of goods upon the dummy to simulate one-half of a suit.

With the above objects in view the invention consists in the method and apparatus as hereinafter fully set forth with reference to the accompanying drawings and subsequently claimed.

In the drawings Figure 1 represents a view of a strip of folded cloth of a standard length and width for cutting a complete suit of clothes, the cloth being shown with a leg-gage attached thereto; Fig. 2 illustrates a front elevation of a dummy upon which the cloth has been folded and attached by means of the leg-gage; Fig. 3, a similar view of a dummy illustrating the second step in the method of confining the cloth about the waist of the dummy and looping the same to the desired coat length; Fig. 4, a similar view of a dummy with the cloth folded to form a lapel preparatory to being draped over the shoulder of the dummy; Fig. 5 shows a side elevation of the dummy with the cloth confined to the shoulder whereby the latter is held to the proper coat length; Fig. 6 illustrates a side elevation looking toward the reverse from that shown in Fig. 5, and showing the draped side of the dummy, the cloth being folded over the shoulder and confined by a detachable sleeve-frame; Fig. 7, a similar view of the dummy illustrating the end of the cloth draped over the sleeve frame preparatory to forming the contour of the sleeve about said

frame; Fig. 8 illustrates a rear view of the dummy illustrating a separable sleeve-forming member which is locked in position in the sleeve-frame proper whereby the back-line of the sleeve is formed and the end of the sleeve tucked in and finished; Fig. 9 illustrates the complete half garment; Fig. 10, a detail cross-section upon line 10—10 of Fig. 2; Fig. 11, a detail cross-section of the dummy at the waist-line, the section being indicated by line 11—11 of Fig. 2, showing the flexible confining cord for the folded cloth; Fig. 12, a perspective view of the sleeve-frame and its detachable member connected thereto for forming the rear line of the sleeve, and Fig. 13, a cross-section of the sleeve frame showing the cloth in place thereabout, the section being indicated by line 13—13 of Fig. 9.

Referring by characters to the drawings 1 represents a leg-gage to the bottom end of which is attached a semicircular arm 2, which arm terminates with a cloth-gripping clip 3, there being a similar arm 2' adjacent to the upper end of the rod provided with a clip 3'. The leg-gage rod also carries a swinging finger 4 which is adjusted to gage the length of a coat. As shown in Fig. 1 after the folded cloth has been gripped between the arms 2 and 2' the gage is adjusted to one leg of a dummy 5, as shown in Fig. 2. The bottom of the gage-rod rests upon the shoe of the dummy and the lower arm 2 draws the cloth between the legs of said dummy to form a single trousers leg, the upper arm 2' being inserted in the crotch whereby the cloth is drawn tightly between the legs of the dummy at this point. The upper end of the gage-rod is then snapped into a locking ear 6, which locking ear is secured to the waist-line of said dummy. Thereafter the cloth is folded about the leg of the dummy to be covered and brought around to the hip of said dummy at the opposite side, the cloth being then confined at the waist-line by a flexible band 7 which has one end permanently secured to the dummy, the other being provided with an eye which is snapped over a hook 8 that also projects from the waist of the dummy. As shown in Fig. 2, the trousers leg has now been formed and the next step in the process is to form the coat-length, which is effected by looping the goods downwardly to the de-

sired length as indicated by the finger 3 of the gage-rod. The goods may thereafter be folded to form a lapel as shown in Fig. 4, and to prevent said goods from falling from the dummy in further manipulation the same is caught at the bare side of said dummy by a spring-snap 9, as best shown in Fig. 5, which snap is flexibly connected to the shoulder of the dummy. The lapel being formed the goods is now folded back over the draped shoulder of the dummy and confined by a skeleton sleeve-frame 10, which frame has extending therefrom a shoulder-bar 11, the shoulder-bar being provided with a vertical extension 11' that is fitted into a cap 12, which cap is secured to the dummy-neck. The shoulder portion of the sleeve frame 10 is provided with a curved and serrated web 13 whereby the goods is held in place after being folded over the frame and the lower end of the sleeve-frame is provided with a U-shaped cuff-band 14, the band being open at the rear line of the sleeve, which line is formed by a rod 15 that connects one leg of the cuff-band with the shoulder-bar 11. After the goods has been folded over the sleeve-frame its front edge is tucked between the coat portion and frame to form the front line of the sleeve as shown in Fig. 7 and thereafter the goods is tucked back of the rod 15 which forms the rear line of the sleeve, said goods being held in position at the rear line by a separable sleeve-rod 16. This sleeve-rod terminates at its lower end with a loop 16' which is inserted between the legs of the cuff-band 14. The upper end of the separable sleeve-rod is formed with an abrupt loop 17 which is snapped over the shoulder-bar 11 whereby the goods is confined at this point. The end of the separable sleeve-rod 16 extends from the loop 17, terminating with a hand-grip 17' whereby said member is manipulated. Prior to inserting the separable sleeve-rod 16 in place the surplus length of sleeve is tucked into the cuff-band and when said separable sleeve-rod is adjusted the loop 16' will serve to hold this surplus goods in position. Thus the sleeve, coat and trousers are well defined and to all appearances will show a correct model of a completed suit, the surplus goods back of the sleeve, as shown in Fig. 8, being drawn rearward so that this fullness will not show in the side or front elevation which is presented to view.

While I have shown and described a simple method of forming a complete one-half suit upon the dummy, it is apparent that I may also form an overcoat upon the same by simply dispensing with the trousers section and looping the goods over the shoulder to the desired length of an overcoat. Thereafter the coat would be formed in a similar manner to that just described in connection

with draping the figure or dummy with a complete suit. It is also apparent that I may dispense with forming the lapel of the coat in some instances, without departing from the spirit of my invention.

Thus from the foregoing description it will be seen that one-half of the dummy is draped completely, to produce the effect of a suit, the same being accomplished by utilizing a length of cloth or pattern, in which lengths or pattern suitings are ordinarily sold, it being understood that the dummy may be draped for the inspection of a customer and thereafter dismantled, or it may be draped for window display. In instances where it is momentarily draped to display the goods to a possible customer said goods would not become wrinkled in the process and can readily be smoothed out and folded after the operation.

I claim:

1. A method of draping a dummy to simulate one-half of a completed trousers and coat consisting of longitudinally folding a garment length of cloth whereby it is halved as to width, adjusting one end of the folded cloth about the foot of the dummy and wrapping said cloth about the waist-line thereof, securing one edge of the folded cloth in the crotch of the dummy and around the leg of the same adjacent to the foot to simulate a trousers leg, thereafter looping the confined cloth downward from the waist-line to provide a coat length, draping the remainder of the folded goods over the shoulder of the dummy, confining the same at the shoulder of said dummy by attaching a sleeve-frame thereto, refolding the free end of the cloth over the shoulder whereby the sleeve-frame is concealed, and tucking and confining the cloth edges about the sleeve-frame to show a complete sleeve outline.

2. A method of draping a dummy to simulate one-half of a completed trousers and coat consisting of longitudinally folding a garment length of cloth whereby it is halved as to width, adjusting one end of the folded cloth about the foot of the dummy and wrapping said cloth about the waist-line thereof, securing one edge of the folded cloth in the crotch of the dummy and around the leg of the same adjacent to the foot to simulate a trousers leg, thereafter looping the confined cloth downward from the waist-line to provide a coat length, thereafter draping the remainder of the goods over the shoulder of the dummy and folding the same to form a lapel, confining the same at the shoulder of said dummy by attaching a sleeve-frame thereto, refolding the free end of the cloth over the shoulder whereby the sleeve-frame is concealed, and tucking and confining the cloth edges about the sleeve-frame to show a complete sleeve outline.

3. A method of draping a dummy to simulate one-half of a coat consisting of draping the goods lengthwise from the shoulder of the dummy to the desired length for a coat, thereafter folding the front edge of the cloth into V-shape at the breast-line to form a lapel, and draping the remainder of the folded goods over the shoulder of said dummy, confining the same at the shoulder by attaching a sleeve-frame thereto, refolding the free end of the cloth over the shoulder whereby the sleeve-frame is concealed, and tucking and confining the cloth edges about the sleeve-frame to show the complete sleeve outline.

4. A dummy for draping uncut lengths of material to simulate a suit comprising de-

tachable means for securing cloth to one leg of the dummy, means for securing cloth about the waist of a dummy, means for looping the cloth from the waist of the dummy, a detachable sleeve-form for securing the cloth about the shoulder of the dummy, and means for holding the cloth about said sleeve-form.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee in the county of Milwaukee and State of Wisconsin in the presence of two witnesses.

RICHARD F. DOWNEY.

Witnesses:

GEO. W. YOUNG,
M. E. DOWNEY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."