

May 14, 1935.

A. L. COLBIORNSSEN

2,000,923

SLEEVE HOLDER

Filed Jan. 20, 1934

Fig. 1

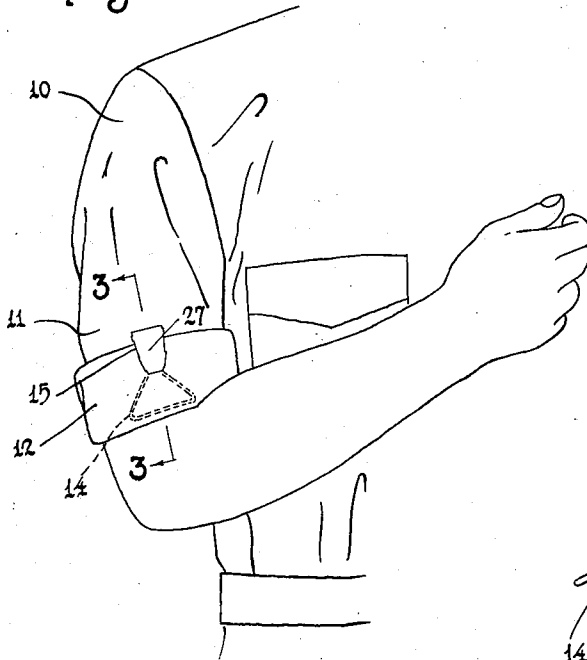


Fig. 3

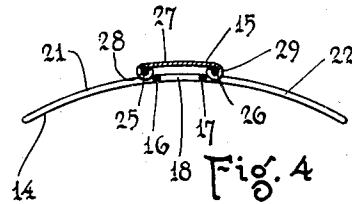
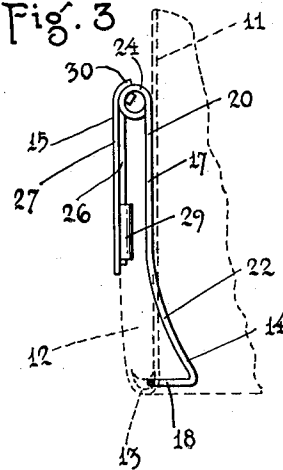


Fig. 2

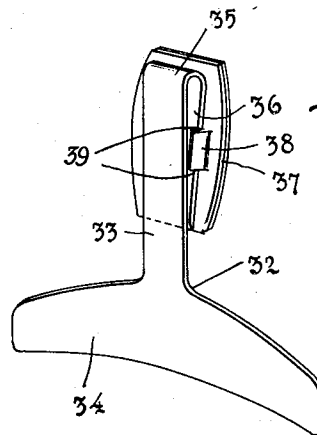
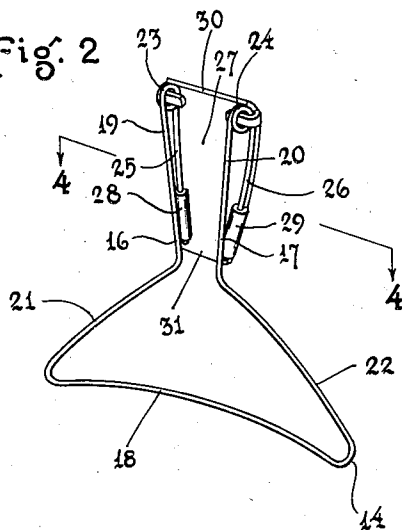


Fig. 5

Inventor

Almond L. Colbiornsen

By *Carwell & Lagaard*
Attorneys

UNITED STATES PATENT OFFICE

2,000,923

SLEEVE HOLDER

Almond L. Colbiornsen, Belgrade, Minn.

Application January 20, 1934, Serial No. 707,519

17 Claims. (Cl. 24—15)

My invention relates to sleeve holders and has for its object to provide a device which may be attached to the folded part of the sleeve of a garment to hold the same erect so as to give a neat and attractive appearance to the garment.

An object of the invention resides in providing a device consisting of an ornamental part and a structural part for holding the folded part of the sleeve erect, said structural part being disposed entirely between the folded part of the sleeve and the body portion of the sleeve.

A still further object of the invention resides in constructing the sleeve holder with a clamp adapted to be attached to the folded part of the sleeve.

Another object of the invention resides in constructing the sleeve holder with a member adapted to engage the bight of the sleeve formed through the folded portion thereof and operating in conjunction with said clamp to prevent sagging of the folded part of the sleeve.

A feature of the invention resides in constructing the sleeve holder with a frame having an elongated member at the lower portion thereof forming a base disposed in the bight of the sleeve.

An object of the invention resides in constructing said base of a length greater than one-half the width of the cuff of the sleeve to prevent disengagement of the base from the bight of the sleeve.

A still further object of the invention resides in constructing said base arcuate to fit about the arm of the wearer when the device is in use.

A feature of the invention resides in constructing the ornamental part of the device in the nature of a plate, said plate being embellished to give the device an attractive appearance and being so arranged as to be the only part of the device visible when the holder is applied to the garment.

Another object of the invention resides in constructing the frame with two spaced reaches bent back upon themselves to provide two arms extending in the same direction as said reaches.

A still further object of the invention resides in constructing the frame of spring wire and in forming two loops at the juncture between said arms and reaches for hingedly connecting said parts together.

A still further object of the invention resides in attaching said plate to said arms.

Another object of the invention resides in constructing the plate with a curved upper edge adapted to cover the loops of the spring frame.

A further object of the invention resides in

constructing the plate with fingers adapted to enter into the said loops for holding the plate rigidly attached to the frame.

An object of the invention resides in constructing the reaches so that the same diverge at the lower ends and in connecting the base member to the diverging ends of the reaches.

Other objects of the invention reside in the novel combination and arrangement of parts and in the details of construction hereinafter illustrated and described.

In the drawing:

Fig. 1 is a perspective view of the sleeve of a garment illustrating an embodiment of my invention applied thereto.

Fig. 2 is a perspective view of the sleeve holder detached from the sleeve.

Fig. 3 is a longitudinal sectional view taken on line 3—3 of Fig. 1 and drawn to a larger scale.

Fig. 4 is a cross sectional view taken on line 4—4 of Fig. 2.

Fig. 5 is a view similar to Fig. 2 of a modification of the invention.

In the use of ordinary dress shirts or any type of shirt having long sleeves, it is frequently customary during hot weather to roll up the cuffs of the sleeves until the folded parts of the sleeves are brought above the elbows of the user. Where the cuffs are so folded the folded parts soon sag and an untidy appearance results. The present invention provides a device which may be attached to the sleeve of a shirt and by means of which the folded part of the sleeve may be held in a neat and trim manner so as to enhance the personal appearance of the wearer. In addition the device is constructed so as to provide an ornamental part which further adds to the appearance of the wearer.

For the purpose of illustrating my invention I have shown in Fig. 1 a portion of a shirt which may be any type of shirt such as is now in common use and which has long sleeves. The sleeve of the shirt is designated by the reference numeral 11 and is shown as having the cuff thereof rolled up until the folded structure extends above the elbow of the wearer. The entire folded structure designated by the numeral 12 and the bight formed between the folded structure and the body of the sleeve is designated at 13.

My invention proper as best shown in Fig. 2, consists of a frame 14 which has attached to it a clamp designated in its entirety by the reference numeral 15. These parts will now be described in detail.

The frame 14 shown in Fig. 2 is constructed

from spring wire which is bent to form two spaced reaches 16 and 17 connected together at their lower edges by a base member 18. The upper portions of these reaches are indicated by reference numerals 19 and 20 and lie substantially parallel to one another. The lower portions 21 and 22 of said reaches diverge with respect to the upper portions 19 and 20 thereof so that the base member 18 is of a length considerably greater than the distance across the upper portions 19 and 20 of said reaches.

The upper portions 19 and 20 of reaches 16 and 17 are bent to form two loops 23 and 24, these loops terminating in spaced arms 25 and 26 which extend along the portions 19 and 20 of said reaches. These two arms have attached to them a plate 27 which may be secured to said plate in any desirable manner. Where suitable materials are employed the plate may be directly soldered or welded to the arms. In the drawing the plate is shown constructed with ears 28 and 29 which are bent about the extreme ends of the two arms 25 and 26. These ears serve to hold the said arms securely attached to the plate. The clamp 15 previously referred to as being carried by the frame 14 consists of the plate 27 and the two portions 16 and 17. Through the resiliency of the wire from which the frame 14 is constructed the plate 27 is normally urged toward the reaches 16 and 17. When this plate is sprung away from the frame 14 the folded part 12 of the sleeve 11 may be inserted therebetween and when the parts are released the holder becomes securely attached to the sleeve through the resiliency of the loops 23 and 24 of the clamp which serve as hinges about which the two parts of the clamps may be swung to bring the jaws of the clamp into cooperative relation.

The base member 18 of frame 14 engages the sleeve in the bight 13 formed between the body of the sleeve and the folded part 12 thereof and operating in conjunction with the clamp 15 holds the folded part of the sleeve taut. In order to prevent the base 18 from moving laterally and becoming disengaged from the bight 13 the said base must be constructed of a certain length. I have found that any length greater than one-half the width of the cuff will suffice though it can readily be comprehended that the greater the length the more effective the device will be for the desired purpose. Where the length of the base is appreciable I find it desirable to construct the base 18 arcuate so the same will conform to the shape of the arm of the wearer. Likewise the two diverging portions 21 and 22 of the frame 14 are also constructed with a curve to cause the same to conform to the shape of the arm of the wearer.

The face of the plate 27 may be embellished, or any type of ornamentation applied to the same. If desired, a separate facing may be attached to said plate or the ornamentation formed directly in the surface thereof. To enhance the appearance of the device the upper end 30 of the plate 27 is bent or curved to fit about the loops 23 and 24 thus concealing the same. The lower end 31 however is left planar for a purpose to be presently described. In this manner the structural part of the device is completely concealed and a neat and attractive device results.

The use of the device is as follows: The cuff of the sleeve 11 is first folded back upon the sleeve and the folded structure rolled up until the same occupies the position desired by the

user. The device is then grasped by the clamp 15 and the frame 14 inserted in between the folded portion 12 of the sleeve and the sleeve proper 11. When the plate 27 reaches the folded portion 12 of the sleeve, the device is held by placing the thumb on the upper end 30 of said plate, and by inserting the finger nail or the tip of the second finger under the lower edge 31 of the plate. Pressure is then exerted upon the ends of the base 18 by the first and third fingers through the intervening portion of the sleeve which causes the clamp to open up. The clamp may then be slid over the folded portion 12 of the sleeve and the base 18 brought down into the bight 13. When the parts are so released the device becomes firmly attached to the sleeve with the base disposed at the bight. Due to the fact that the two reaches 16 and 17 are spaced from one another the finger is readily inserted between the same and engagement of the edge 30 of said plate is readily accomplished. With the parts so arranged the folded part of the sleeve cannot sag and the same is held erect and in a neat and attractive manner.

If desired the frame of the invention may be constructed from sheet metal instead of from wire. A device so constructed is shown in Fig. 5. This device consists of a T-shaped frame 32 formed with a stem 33 and a cross bar 34 connected therewith. The cross bar 34 serves as the base for engagement with the bight 13 of the sleeve whereas the stem 33 serves as the structure connecting the clamp proper to the base. The stem 33 is bent at its upper end 35 to form an arm 36 which overlies said stem and which is normally engaged with said stem as illustrated in the drawing. This arm has attached to it a plate 37 which serves the same purpose as the plate 27 of the other form of the invention. This latter plate is constructed with ears 38 which fit over the marginal edges of the arm 36 and which hold the plate attached thereto. To prevent the plate from turning said arm may be constructed with notches 39 which receive said ears 38 and hold the said parts firmly attached to the plate. With this form of the invention the bent part 35 of the stem 33 which connects the said stem with the arm 36 serves as the resilient hinge by means of which the arm is movably connected to said stem.

In the use of the invention shown in Fig. 5 the device is applied and manipulated in exactly the same manner as with the other form of the invention. The cross bar 34 engages within the bight 13 of the sleeve 11 and the stem 33 and arm 36 serve as jaw members of the clamp for engagement with the folded part of the sleeve to hold the holder attached thereto.

Where a great deal of resiliency is not required the device shown in Fig. 2 may be constructed without the loops 23 and 24 and simple bends employed in place thereof such as illustrated in conjunction with the form of the invention shown in Fig. 5.

The advantages of my invention are manifest. An extremely neat and attractive device is provided by means of which the sleeves of a shirt may be rolled up and held in erect position. The device is extremely simple in operation and there are no complicated or intricate parts to get out of order. The device may be constructed at a nominal cost and may be made extremely ornamental permitting of the application of any type of embellishment thereon. Only the ornamental part of the sleeve holder can be seen when the

device is properly applied so that the device helps to dress the sleeve as well as to hold the folded part thereof in proper position. By curving the base member of the frame the device fits about the sleeve of the wearer and also serves to hold the sleeve in proper form as well as holding the folded part of the sleeve erect. Where the frame is constructed of wire the reaches thereof may be sufficiently spaced so the finger nail of the third finger may be inserted between the same for the purpose of engaging the outer jaw member of the clamp and moving the same into proper position.

Changes in the specific form of my invention as herein disclosed may be made within the scope of what is claimed without departing from the spirit of my invention.

Having described my invention what I claim as new and desire to protect by Letters Patent is:

1. A sleeve holder for use with the sleeve of a garment having the cuff folded back upon the sleeve, said sleeve holder comprising a member for engagement in the bight of the folded part of the sleeve and means for holding the holder attached to the sleeve.

2. A sleeve holder for use with the sleeve of a garment having the cuff folded back upon the sleeve, said sleeve holder comprising a member for engagement in the bight of the folded part of the sleeve and means engaging the folded part of the sleeve for holding the holder attached to the garment.

3. A sleeve holder for use with the sleeve of a garment having the cuff folded back upon the sleeve, said sleeve holder comprising a clamp for attachment to the folded part of the sleeve, a member attached to said clamp and engaging the sleeve within the bight thereof and holding the folded part of the sleeve in erect position.

4. A sleeve holder for use with the sleeve of a garment having the cuff folded back upon the sleeve, said sleeve holder comprising a clamp for attachment to the folded part of the sleeve, an arcuate member attached to said clamp and engaging the sleeve within the bight thereof and holding the folded part of the sleeve in erect position.

5. A sleeve holder for use with the sleeve of a garment having the cuff folded back upon the sleeve, said sleeve holder comprising a member for attachment to the folded part of the sleeve and an elongated member connected thereto and extending along the bight of the folded part of the sleeve.

6. A sleeve holder for use with the sleeve of a garment having the cuff thereof folded back upon the sleeve, said sleeve holder comprising a member for attachment to the folded part of the sleeve and an elongated member connected thereto and extending along the bight of the folded part of the sleeve, said member being of a length greater than one-half the width of the cuff.

7. A sleeve holder for use with the sleeve of a garment having the cuff thereof folded back upon the sleeve, said sleeve holder comprising a member for attachment to the folded part of the sleeve and means connected to said member and disposed between the body of the sleeve and the folded part thereof for holding the folded part in erect position.

8. In a sleeve holder a spring member bent to provide two reaches and two arms overlying said reaches, connecting portions therebetween, a plate secured to said arms said plate having a

curved end covering the connecting portions of said reaches and arms.

9. In a sleeve holder a frame constructed of resilient material and consisting of two spring reaches, a base connecting said reaches said reaches being bent to provide arms overlying said reaches and a plate secured to said arms and extending across said reaches, said base being formed arcuate, the center of the base lying substantially in the plane of said plate.

10. In a sleeve holder a frame including an elongated base, a clamp secured to said frame and comprising two jaws, a hinge for connecting said jaws together, the axis of said hinge lying substantially parallel to the base.

11. A sleeve holder for use with the sleeve of a garment having the cuff thereof folded back upon the sleeve, said sleeve holder comprising a frame constructed with spaced reaches bent at their upper ends to provide arms overlying said reaches, a plate secured to said arms and forming in conjunction therewith a clamp for holding the holder attached to the folded part of the sleeve, said reaches below said plate diverging, and a base member formed on the ends of the diverged portions of said reaches.

12. In a sleeve holder, a frame comprising two spaced reaches, a base member connecting said reaches, said reaches being formed with loops and having arms extending from said loops and overlying said reaches, a plate secured to said arms at the ends thereof and members formed on said plate and extending into said loops.

13. In a sleeve holder, a frame constructed of wire and bent to form a base portion, two spaced reaches extending upwardly from said base portion, two arms overlying said reaches and extending substantially in the same direction as said reaches and back toward said base portion, and a plate secured to said arms.

14. A sleeve holder for use with the sleeve of a garment having the cuff folded back upon the sleeve and forming a bight therebetween, said sleeve holder comprising a member overlying a portion of the folded part of the sleeve upon the exterior thereof, means cooperating with said member at the free end of the folded part of the sleeve for holding the holder attached to the sleeve, and means engaging the sleeve in the vicinity of the bight for holding the folded part of the sleeve taut.

15. A sleeve holder for use with the sleeve of a garment having the cuff thereof folded back upon the sleeve, said sleeve holder comprising two members connected together at one end, one of said members lying between the folded part of the sleeve and the sleeve proper and the other lying upon the exterior of the folded part, the folded part being held therebetween, said first named member engaging the bight of the sleeve to hold the folded part of the sleeve from sagging.

16. A sleeve holder for use with the sleeve of a garment having the cuff thereof folded back upon the sleeve, said sleeve holder comprising two members connected together at one end, one of said members lying between the folded part of the sleeve and the sleeve proper and the other lying upon the exterior of the folded part, the folded part being held therebetween, said second named member having a narrow plate thereon, and a base formed on said first named member, said base being of a length greater than twice the width of the plate and engaging the bight of the sleeve.

17. A sleeve holder for use with the sleeve of a garment having the cuff thereof folded back upon the sleeve, said sleeve holder comprising two members connected together at one end, one of said members lying between the folded part of the sleeve and the sleeve proper and the other lying upon the exterior of the folded part, the

folded part being held therebetween, said second named member comprising two spaced arms, and a base formed on said second named member and engaging the bight in the sleeve, said base being of a length greater than the maximum distance between said arms.

ALMOND L. COLBIORSEN.