Feb. 5, 1924. 1,482,797.

H. L. KELLEY

SLEEVE FORM

Filed Sept. 19, 1918 2 Sheets-Sheet 1

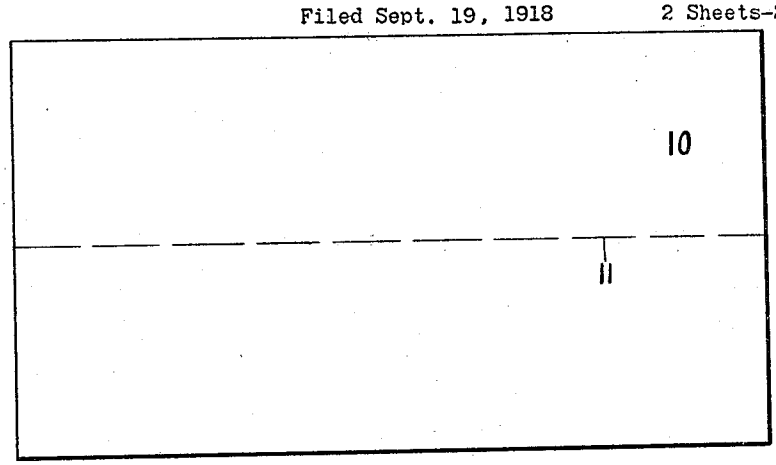


Fig. 1.

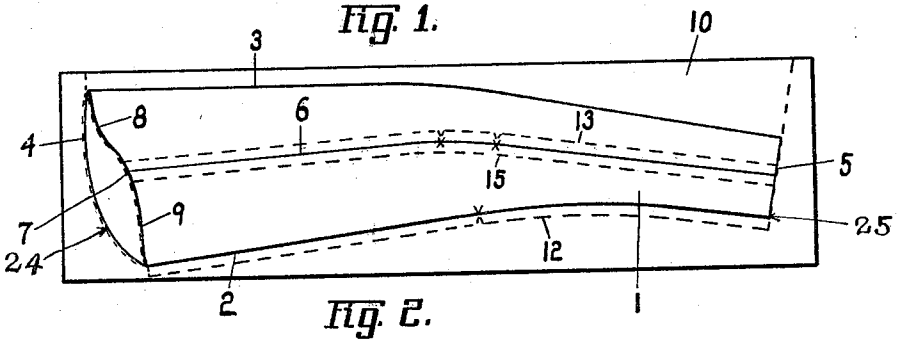


Fig. 2.

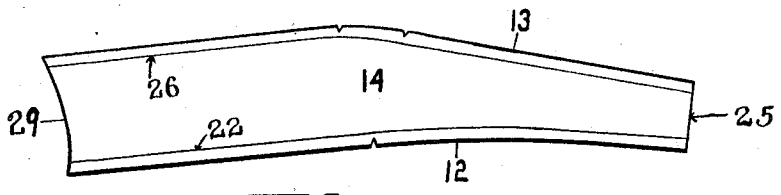


Fig. 3.

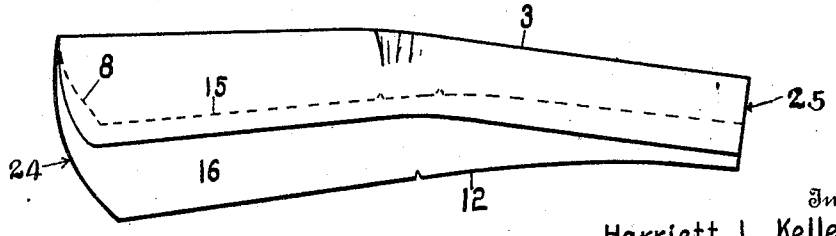


Fig. 4.

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H. L. KELLEY

SLEEVE FORM

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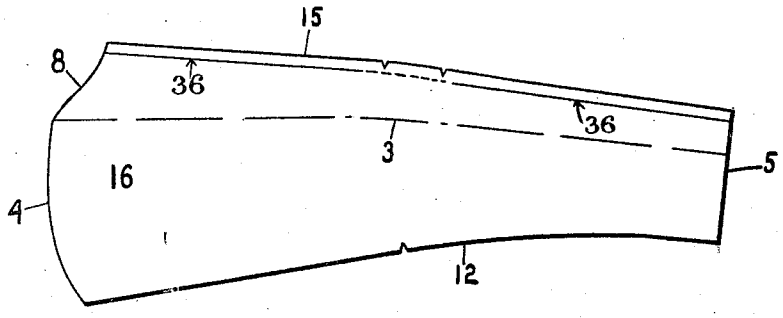


Fig. 5.

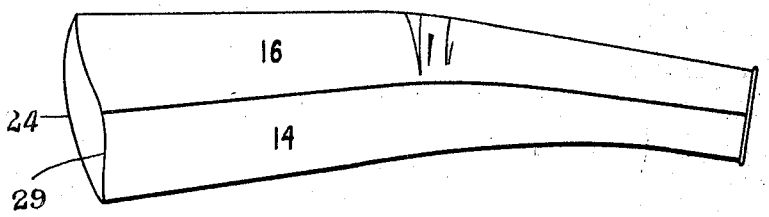


Fig. 6.

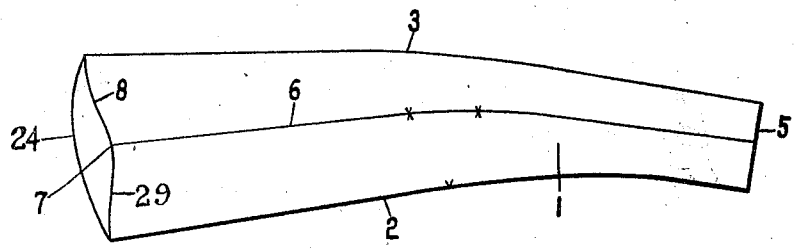


Fig. 7.

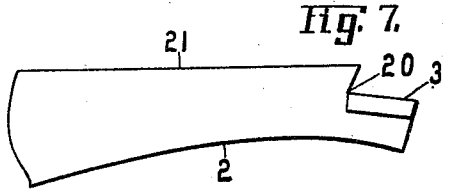


Fig. 8.

Inventor
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Patented Feb. 5, 1924. 1,482,797

UNITED STATES PATENT OFFICE.

HARRIETT L. KELLEY, OF OAKLAND, CALIFORNIA.

SLEEVE FORM.

Application filed September 19, 1918. Serial No. 254,844.

To all whom it may concern:

Be it known that I, HARRIETT L. KELLEY, citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented certain new and useful Improvements in Sleeve Forms, of which the following is a specification.

The invention is a form for making models and patterns of sleeves and cuffs, and for fitting and pressing sleeves.

The invention is illustrated in the accompanying drawings which form a part of this specification and the appended claims.

Referring to the drawings:

Figure 1 is a view of a paper sheet from which a sleeve model and pattern are made on my form.

Figure 2 is a view of said paper sheet folded and my form laid thereon in position for making the sleeve model and pattern.

Figure 3 is a view of the under sleeve model and pattern member.

Figure 4 is a view of the paper sheet after the under sleeve pattern is cut therefrom, folded to be cut finally to form the outer sleeve pattern model and member.

Figure 5 is a view of the outer sleeve model and pattern member cut from said paper sheet according to the form.

Figure 6 is a view of a sleeve model made on my form.

Figure 7 is a view of my form.

Figure 8 is a loose sleeve model and pattern made on my form.

My form includes a sheet 1 of stiff material such as card board, fiber or other material, having an outline corresponding to the outline of a flattened plain sleeve. The outline of the form is indicated on the drawing by lower longitudinal edge 2, upper longitudinal edge 3, upper arm hole edge 4 and lower wrist line 5. A line 6 extends longitudinally of the sleeve between the lines 2 and 3 from the lower end line 5 to a point 7 near the upper end of the form. An arm hole line 8 extends from the point 7 to the intersection of lines 3 and 4. An arm hole line 9 extends from point 7 to the intersection of lines 2 and 4. Nick marks X X are indicated on the line 6 and nick mark V is indicated on line 2.

A sleeve model and pattern is made from a paper sheet 10 as follows:

The sheet which is transparent is first folded on the dotted line 11. The form is then placed upon the folded sheet as shown in Fig. 2 and lines 12, 24 and 25 are then marked on the sheet along the edges 2, 4, and 5 of the form. The form is then removed and the folds of the sheet are pinned together along the line corresponding to the line 2. The sheet is then cut along the dotted line 12 outside and parallel to line 22, allowing for the seam of the sleeve, and along the lines 24 and 25. The form is then placed between the folds of the sheet 10 with the edge 2 in alignment with the line 22 on the sheet and the edges 4 and 5 in register with the cut ends of the sheet. Lines 26 and 29 are drawn on the front fold of the sheet over lines 6 and 9 which may be seen through said front fold. The front fold is then cut along line 29. Allowing for seam, said fold is cut along the dotted line 13 above line 26 from point 7 to wrist line 5 and the seam is creased upwardly along the line 26. This completes the under member 14 of the sleeve model and pattern. The upper part of the front fold of the sheet is then folded over the upper edge 3 of the form. A line 36 is drawn on said fold over line 6 from point 7 to the nearest nick mark X and from the other nick mark X to the wrist edge 5. Allowing for seam, the upper part of the front fold of the sheet is cut on the dotted line 15 extending parallel to and below the line 36 between the edges 5 and 8. The upper part of the front fold is then creased upwardly on line 36 and the seam including the meeting edges of the members of the model along said line is then pinned from arm hole point 7 to the first nick mark X and from the other nick mark X to wrist edge 5. The meeting edges of the pattern are then nicked with the scissors at the marks X and V. The upper part of the model is gathered between the two marks X at the elbow, and the seam along line 13 and 15 is trimmed. The upper fold of the sheet is then marked and cut along lines 5 and 8. This completes the outer member 16 of the pattern. The model and pattern are now complete and may be slipped off the form and onto the arm which is to be fitted.

In making the loose sleeve model and pattern shown in Fig. 8, the line 6 and the nick marks are not used. The pattern is cut and seamed only along line 2 and along line 3 from wrist to a point 20, the upper line 21 of the pattern corresponding to fold line 21 of the sheet and the sheet being cut from line 11 to point 20. This model and pattern

are made as follows: Lay sleeve form on folded paper 10 with the point of shoulder at intersection of 4 and 8 directly on the fold. With this point as a pivot swing the wrist end down from the fold to the amount of fullness desired. Then trace outline as before on lines 4, 2 and 5. Pin line 2 as before and place sleeve from between the folds with line 2 of form 8 paper together. From wrist measure the desired width of the cuff on line 3 and dot at 20, draw design desired between line 3 and dot and cut. Turn this portion of cuff back over the sleeve form snugly. This forms the cuff shown in Fig. 8 along line 3 to 20. The above is a one piece sleeve. All sleeves of this type can be made in a similar manner, whether one or two piece sleeves. With the use of my form a model and pattern of any style of sleeve may be cut. In making cuffs fold paper which is the width of cuff desired and form in any design desired. With my form there is no drafting. It is the only form on which fancy cuffs can be made.

The nick marks X X determine the points between which the sleeve is gathered at the elbow and said marks and mark V enable the sleeve members to be put properly together.

In making sleeve models and patterns on my form, a sleeve or sleeve lining may be slipped over the form with the corresponding seam of the sleeve in register with the line 6, which seam may be felt through the paper sheet 10 to determine the location of said line, thus making it possible to use paper, such as newspaper or other paper through which the line 6 cannot be seen, for making the model and pattern.

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

1. The method which consists in taking a sleeve form having inner, outer and end edges, an intermediate seam line, and a sleeve hole line placing a sleeve form on a folded sheet, drawing a line on the upper fold along the inner and end edges of the form, cutting the sheet on a line outside of the line drawn along the inner edge of the form and along the lines drawn along the ends of the form, placing the form within the folds of the sheet with the inner and edges of the form in register with the corresponding cut edges of the upper fold, marking the intermediate seam line and sleeve hole line on the upper fold of the sheet according to the form, cutting said fold outside of said intermediate seam line and along said sleeve hole line, drawing the remaining part of the upper fold over the outer edge of said form, marking the intermediate seam line, the sleeve hole line, and the wrist end line on said upper fold part according to the form, cutting said upper fold part outside said intermediate seam line along said sleeve hole line, and along said wrist end line.

2. The method which consists in taking a sleeve form having inner, outer and end edges, an intermediate seam line, and a sleeve hole line placing a sleeve form on a folded sheet, drawing a line on the upper fold along the inner and end edges of the form, cutting the sheet on a line outside of the line drawn along the inner edge of the form and along the lines drawn along the ends of the form, placing the form within the folds of the sheet with the inner and edges of the form in register with the corresponding cut edges of the upper fold, marking the intermediate seam line and sleeve hole line on the upper fold of the sheet according to the form, cutting said fold outside of said intermediate seam line and along said sleeve hole line, drawing the remaining part of the upper fold over the outer edge of said form, marking the intermediate seam line, the sleeve hole line, and the wrist end line on said upper fold part according to the form, cutting said upper fold part outside said intermediate seam line, along said sleeve hole line, and along said wrist end line, and securing the members of the pattern together on the form along their seam lines.

In testimony whereof I affix my signature.

HARRIETT L. KELLEY.