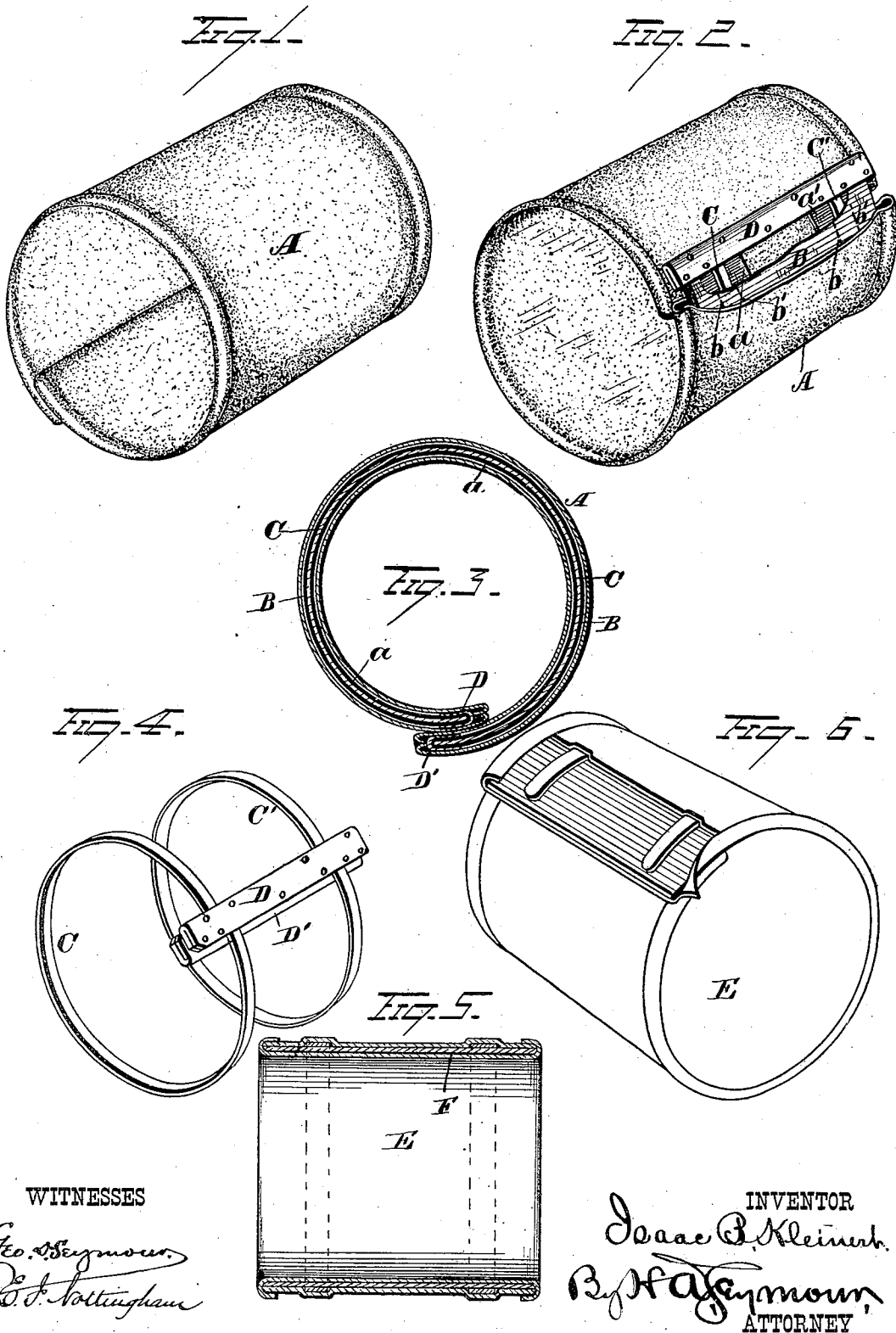


(No Model.)

I. B. KLEINERT.
Cuff or Wristlet.

No. 241,224.

Patented May 10, 1881.



WITNESSES

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CUFF OR WRISTLET.

SPECIFICATION forming part of Letters Patent No. 241,224, dated May 10, 1881.

Application filed March 12, 1881. (No model.)

To all whom it may concern:

Be it known that I, ISAAC B. KLEINERT, of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Cuffs or Wristlets; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

Heretofore the articles of wearing-apparel to which my invention relates, and variously denominated "wristlets," "pulse-warmers," and "cuffs" have been made in three ways, which I will briefly recite.

First, the knitted variety, which consists in knitting an elastic tube of the desired length and sufficiently flexible to allow it to be drawn over the hand, after which it will conform to the shape of the wrist. The objection found with this knitted wristlet is that by constant stretching it soon loses its elasticity and fails to fit snugly on the wrist.

The second form is similar to a lady's muff in construction, except that it is smaller. It consists in a closed band of fur having a smaller closed band of other material within it, the edges of the inner band being gathered on a flexible cord sufficiently elastic to open to receive the hand, but closing when the stretching force is removed, to fit the wrist. However, these cuffs are very cumbersome and unwieldy, and are but little worn.

The third variety of wristlet consists, substantially, in an open band of velvet or fur bordered on each edge with fur, and adapted to be opened and clasped upon the wrist and retained thereon by the resiliency of a flat metallic spring extending the length of the cuff and interposed between the outside face-band of velvet or fur and the lining, and secured from displacement by two parallel rows of stitching traversing the central portion of the cuff, a line of stitching being placed on each side of the spring. The first objection to this cuff is that the edges of the band, being without stiffening or support, will soon crush and fall toward the spring in the center, a cuff so crushed presenting a very untidy appearance. Again, the

single spring, being necessarily broad and flat in order to be of sufficient stiffness to retain the cuff in position, will exert such a strong pressure as to, in a measure, stop the circulation through the hand or wrist, rendering the cuff very uncomfortable to the wearer.

Having thus briefly reviewed the state of the art, I will proceed to describe my invention and to show wherein I have improved upon and obviated objections in the old forms of cuff or wristlet.

In the accompanying drawings, Figure 1 is a view, in perspective, of my cuff, showing the overlapping edges thereof. Fig. 2 is a similar view with the outer covering removed, leaving the springs exposed. Fig. 3 is a view in cross-section. Fig. 4 is a detail view of one of the springs employed by me, and Figs. 5 and 6 represent a modification.

A represents the outer or face band of the cuff, which may be made of silk, velvet, felt, or any other compactly-woven material.

B is a band of stiffening material, to the opposite edges of which are secured the separate and independent springs C C', which latter may be either flat, round, oval, or other form in cross-section. Springs C C' are secured to the band B by means of the strips a a', which latter are secured in place by a double row of stitches, b b', one row being located on each side of one of the springs; or, instead of using separate strips a a' for securing the springs in place, the band B may be made of sufficient width to be turned over on its edges and pockets formed for the springs by a double row of stitches, one row on each side of each spring.

D D' are metal bindings firmly secured to the opposite ends of the springs and band B, and serving to protect the ends of the springs and prevent their ends from cutting through the fabric of the cuff. When wire springs are employed a single piece of wire may be bent into proper form, as illustrated in Fig. 5, and simply one sheet-metal binding be employed to cover and protect the ends of the single wire spring. In such construction the portion of the wire connecting the two long spring portions would prevent the cutting of the fabric.

E represents the lining which comes next to the wrist. This lining is preferably made of

flannel or other soft and warm fabric, and is stitched at its edges to the edges of the outer band.

F is a band of stiffening material, which is interposed between the springs and lining, and serves to impart body to the article and add to its utility. The narrow springs located near the edges of the cuff serve to prevent the cuff from crushing, and again operate to distribute the spring force necessary to retain the cuff snugly in place on two points of the wrist, and thereby obviate the uncomfortable pressure produced by a single spring. Further, by employing two light independent springs the cuff is more flexible and will allow of any easy movement of the wrist, which is not the case when a single broad spring is used.

While the cuff referred to is the preferable form of construction, they may be made as shown in Fig. 6, wherein the end bindings for the springs are dispensed with.

A cuff made in accordance with my invention is neat and durable, and is easily clasped upon and unclasped from the wrist. It may be ornamented in any desired manner, and may be adapted as a head or glove attachment, and is an article which may be manufactured and supplied to the trade at a comparatively light cost.

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

1. In a cuff or wristlet, the combination, with an open band made of fabric or equivalent soft

and pliable material, of two springs, each being located near each edge of the band and adapted to clasp the wrist, substantially as set forth.

2. In a cuff or wristlet, the combination, with an open band made of fabric or equivalent material, of two springs, each being located near each edge of the band, the ends of said springs being connected with each other, substantially as set forth.

3. In a cuff or wristlet, the combination, with an open band made of fabric or equivalent material, of two springs, each being located near each edge of the band, the ends of said springs being connected and protected by a metal binding, substantially as set forth.

4. In a cuff or wristlet, the combination, with an open band composed of an outer band and a lining, of an interposed open band of fabric having a spring secured near each edge thereof, substantially as set forth.

5. A cuff or wristlet consisting of an outer band and lining and two interposed bands of stiffening material, one of said interposed bands having a spring secured near each of its edges, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 28th day of February, 1881.

ISAAC B. KLEINERT. [L. s.]

Witnesses:

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JAMES PRICE.