

(No Model.)

E. KIPPER.

MANUFACTURE OF COLLARS AND CUFFS.

No. 344,282.

Patented June 22, 1886.

Fig 1

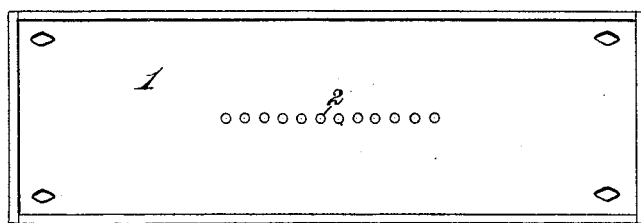


Fig 2.

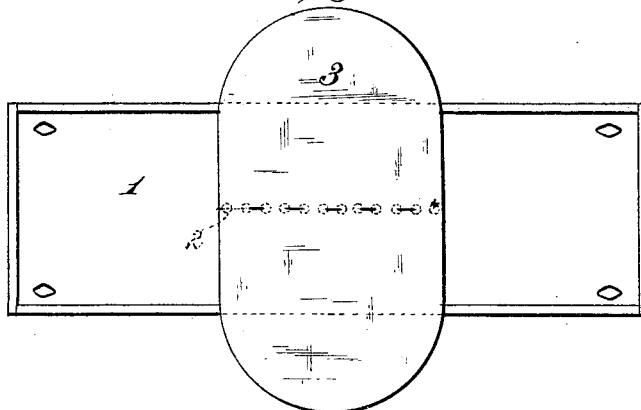


Fig 3.

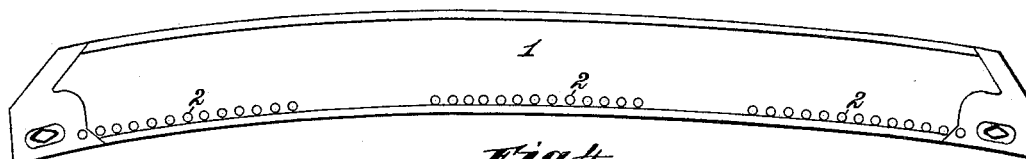
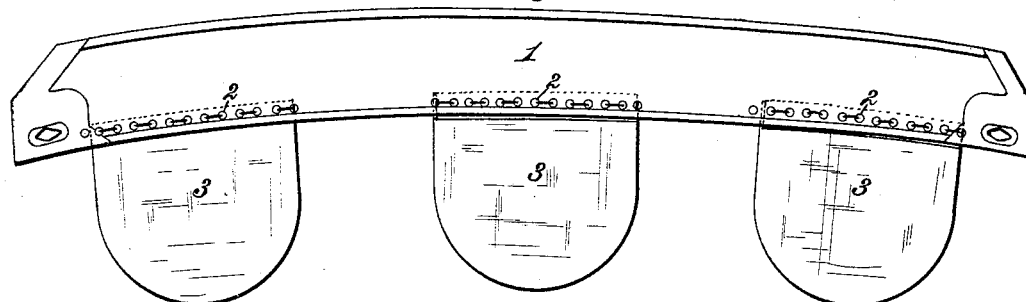


Fig 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

EMIL KIPPER, OF ADAMS, MASSACHUSETTS.

MANUFACTURE OF COLLARS AND CUFFS.

SPECIFICATION forming part of Letters Patent No. 344,282, dated June 22, 1886.

Application filed December 9, 1885. Serial No. 185,175. (No model.)

To all whom it may concern:

Be it known that I, EMIL KIPPER, a subject of the Emperor of Germany, residing at Adams, in the county of Berkshire and State of Massachusetts, have invented new and useful Improvements in the Manufacture of Collars and Cuffs, of which the following is a specification.

In my application Serial No. 161,335, a claim was allowed for a skirt or cape cemented to a collar or cuff made of zylonite or other pyroxyline compound. In another application for patent I claim securing the cape by cementing its edge between the body of the article and a folded or turned over edge thereof. In both such cases, however, the cape cannot be conveniently detached when soiled and a new or clean cape readily attached.

It is impossible to practically sew or stitch a cape to a collar or cuff made of zylonite or other pyroxyline compound, and for this reason it was not new prior to my inventions to attach a cape to a pyroxyline collar or cuff for the purpose of pinning or otherwise attaching the article to a garment.

The object of my present invention is to provide a zylonite or pyroxyline collar or cuff with a cape so attached that it can be conveniently detached when soiled and a new or clean one readily attached with little labor.

To such end the invention consists in constructing a collar or cuff from a sheet or sheets of zylonite or other pyroxyline compound, and then providing it with a line of perforations formed by a suitably-shaped punch, after which the cape is placed over the rear surface of the collar or cuff and secured by thread stitches passed through the cape and the aforesaid line of perforations after the manner of sewing.

The invention is illustrated by the accompanying drawings, in which Figure 1 is a plan view of a cuff with the cape omitted; Fig. 2, a similar view showing the cape attached. Figs. 3 and 4 are similar views of a collar.

In order to enable those skilled in the art to make and use my invention, I will now describe the same in detail, reference being made to Figs. 1 and 2 of the accompanying drawings, where the number 1 indicates a cuff cut from a sheet of zylonite or other pyroxyline compound and furnished through the medium of a punch or other suitable instrument with

a line of perforations, 2, preferably circular in shape, and located at or adjacent to the longitudinal center of the cuff. The cape 3 may be either a doubled or a single skirt of textile material, which is laid over the line of perforations and then secured by thread stitches passed through the material of the cape and through the perforations after the manner of sewing. This method of attaching a cape to a collar or cuff made of zylonite or other pyroxyline compound admits of the attaching medium being readily sewed or ripped out when a cape becomes soiled and the convenient attachment of a new or clean cape. The perforations are preferably punched out of an area considerably larger than the thickness of the thread employed, in order to facilitate stitching of the cape in position, and also to render it possible to stitch the capes in place through the instrumentality of any ordinary sewing-machine.

In Figs. 3 and 4 a collar, 1, is represented, the line of perforations 2 being along its lower edge, and the cape 3 attached in the same manner as that hereinbefore stated.

The collar or cuff may be made wholly of zylonite or other pyroxyline compound, or of an interlining of textile or other material surfaced on both sides with zylonite or other pyroxyline compound. The cape may be made of any textile fabric or of any other suitable material, and it may be waterproofed with a pyroxyline or other compound.

Having thus described my invention, what I claim is—

In the manufacture of zylonite or other pyroxyline collars and cuffs with attached capes, the method herein described and shown for securing the cape to the pyroxyline body of the collar or cuff, which consists in first preparing the article from a sheet or sheets of zylonite or other pyroxyline material, then punching a line of enlarged perforations through said article, and subsequently placing the cape over the line of perforations and securing it by stitches, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

EMIL KIPPER.

Witnesses:

J. G. JARVIS,
H. H. SCHÜRMANN.