

(No Model.)

2 Sheets—Sheet 1.

E. KIPPER.
COLLAR OR CUFF.

No. 330,838.

Patented Nov. 17, 1885.

Fig. 1.

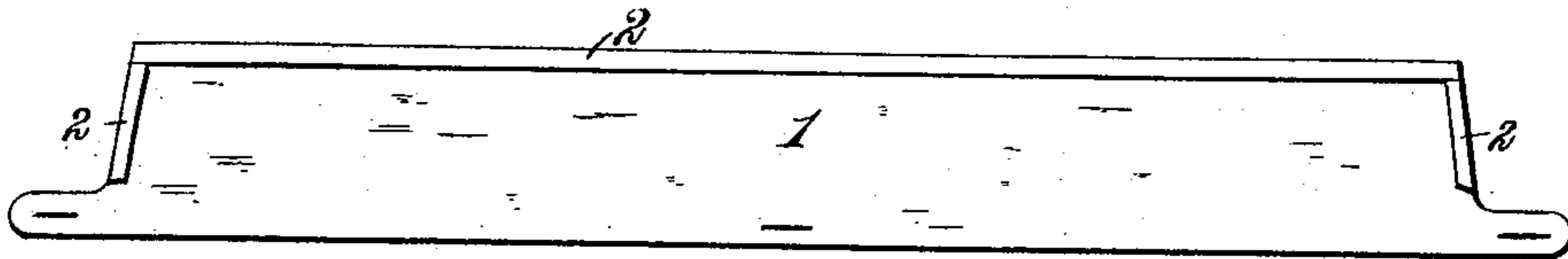


Fig. 2.



Fig. 3.

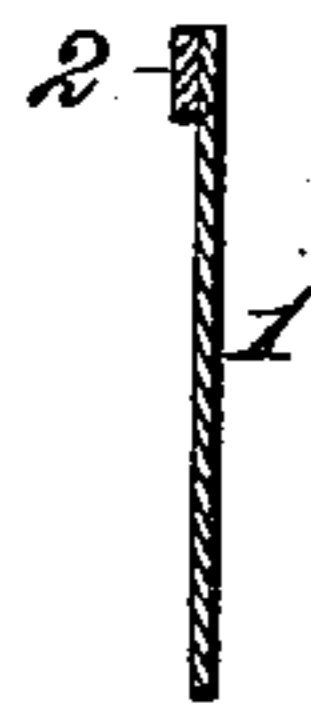
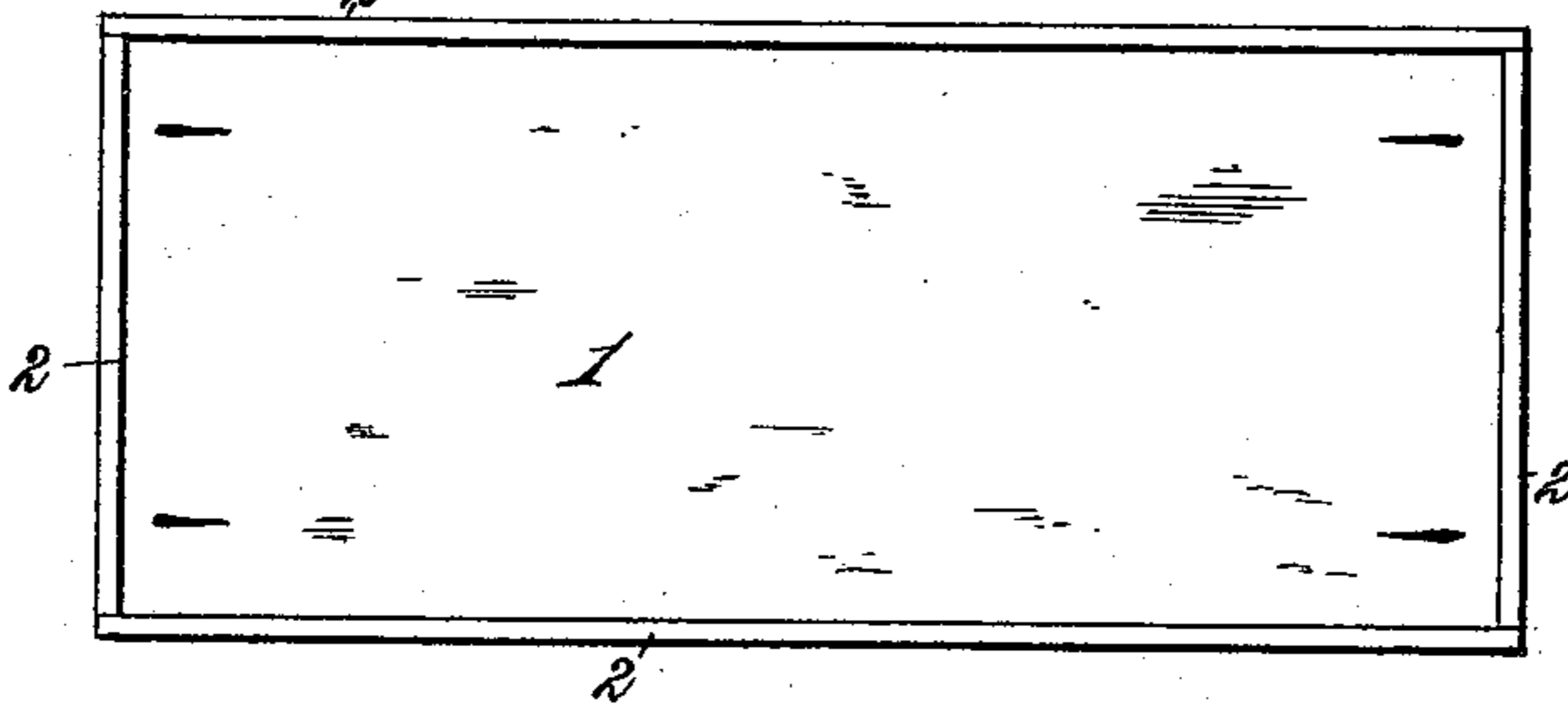


Fig. 4.



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(No Model.)

2 Sheets—Sheet 2.

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Fig. 5.

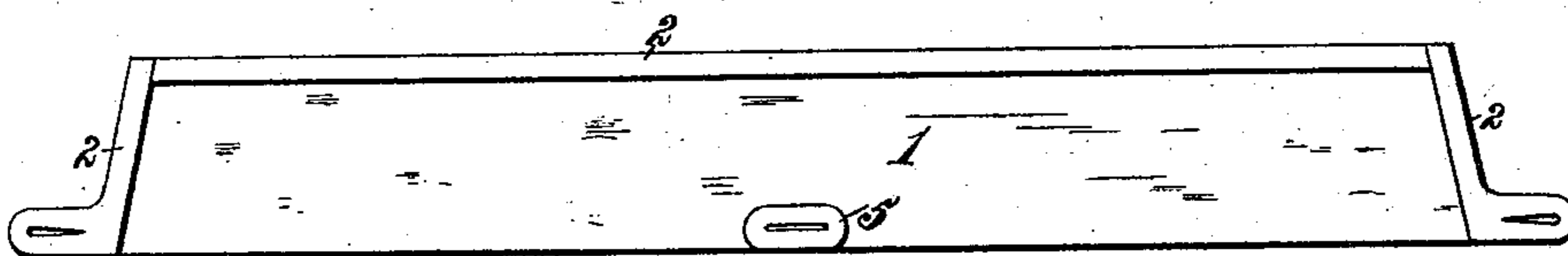


Fig. 6.

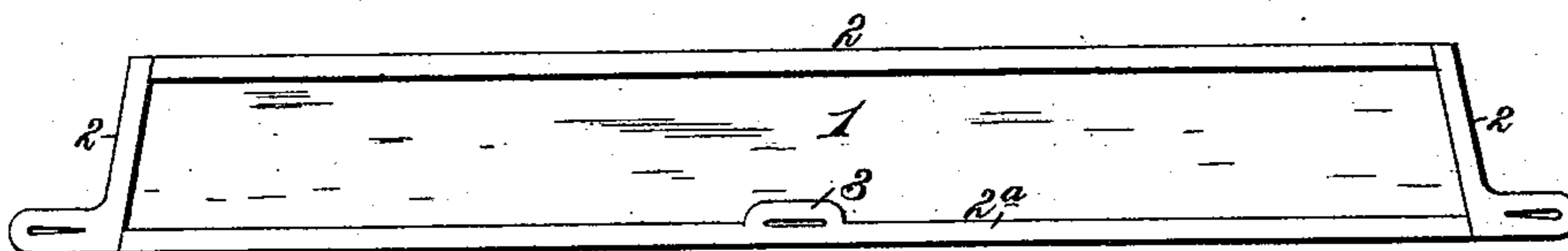
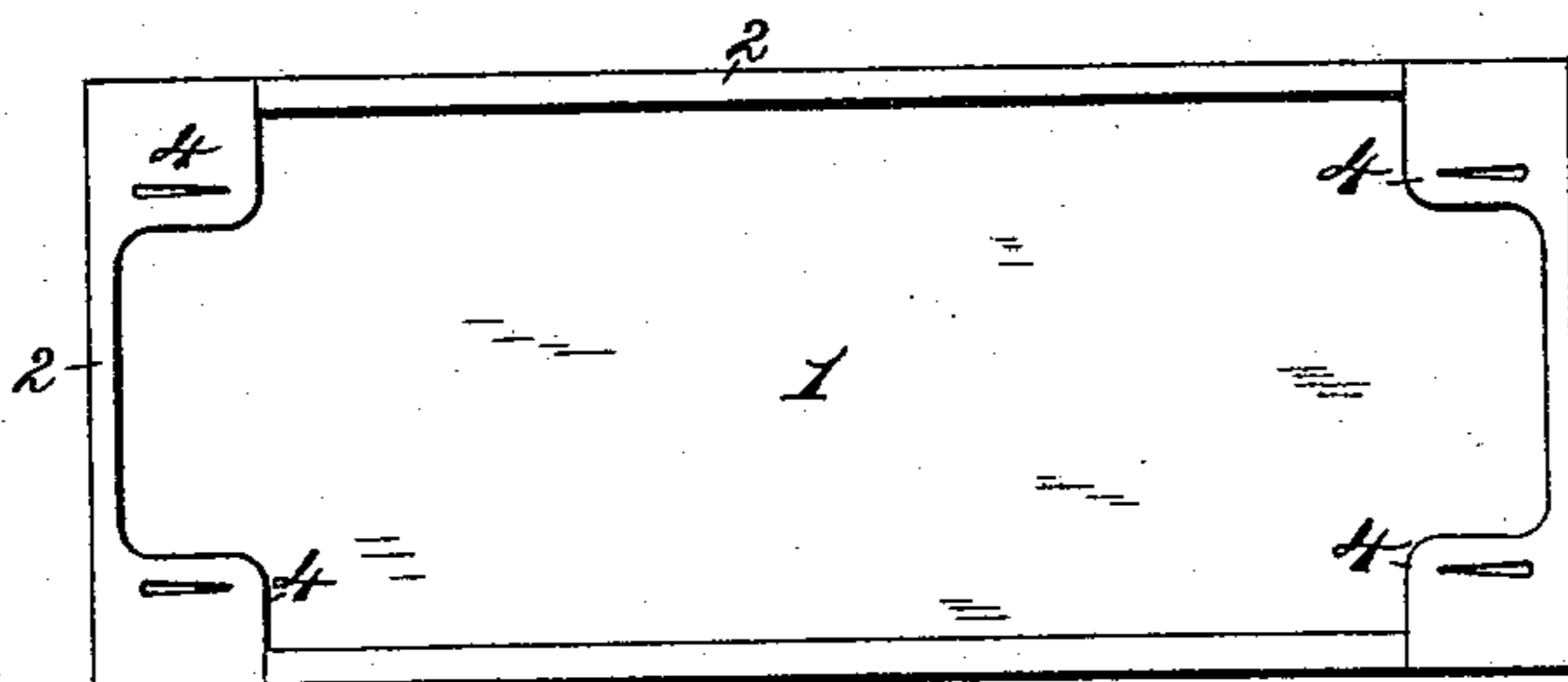


Fig. 7.



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UNITED STATES PATENT OFFICE.

EMIL KIPPER, OF ADAMS, MASSACHUSETTS.

COLLAR OR CUFF.

SPECIFICATION forming part of Letters Patent No. 330,838, dated November 17, 1885.

Application filed January 24, 1885. Serial No. 153,942. (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, Berkshire county, Massachusetts, have
5 invented new and useful Improvements in the Manufacture of Articles from Pyroxyline Compounds, of which the following is a specification.

In the manufacture of articles—such as collars and cuffs—from pyroxyline compounds, with imitation hems, it has sometimes been customary to cut or stamp the article from a sheet of the material, and then turn the margin over and cement upon the body portion
15 of the article. This necessitates the use of considerable stock, and, further, the scrap material resulting from stamping or cutting out the articles is wasted, besides which, by bending over the edges of the article, the material frequently breaks or cracks; and, further, in such method the hem formed by bending the edge of the material composing the article can only be of a thickness corresponding to the thickness of the body material unless a separate filling-piece be employed.
25

The objects of my invention are to simplify and reduce the cost of manufacturing collars and cuffs with marginal hems from sheets of material comprising a pyroxyline compound; to lessen the labor usually involved in manufacturing such class of articles; to provide a hem of more or less thickness without increasing the thickness of the sheet comprising the body of the article; to utilize and render available and useful the scrap or fragments which, in stamping or cutting out the articles, are usually wasted, and to avoid the necessity of using an undue quantity of stock.
35

The invention is illustrated in the accompanying drawings, in which Figure 1 is a plan view of a standing-collar made in accordance with my invention; Fig. 2, a detached view of the separate strip to form the hem; Fig. 3, a transverse sectional view of the same; Fig. 4, a plan view of a cuff embodying my invention. Figs. 5 and 6 are plan views showing a modified construction of the collar; and Fig. 7 is a plan view of a cuff, showing a modification.
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In order to enable those skilled in the art to make and use my invention, I will describe the same in detail, reference being made to the
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drawings, where the numeral 1 indicates the body of the collar or cuff, and 2 the separate strip constituting the imitation hem. The body is stamped or cut from a sheet (comprising one or more thicknesses) of material made from pyroxyline compounds—such as zylonite—and such body is stamped or cut in the precise outline and size of the finished article with clean-cut and perfectly smooth edges, after which I take a separate strip, 2, and place it along the edge of the article at one side (see Fig. 3) entirely or partially the length or extent of the article, and then cement the strip and body through the medium of any suitable and known means. This produces a collar or a cuff with an imitation hem, which also subserves the function of strengthening and stiffening the article.
60

In applying the strip to the zylonite collar or cuff the outer edges of the strip and the sheet comprising the collar or cuff are brought into coincidence, or approximately so, one upon the other, and thus the edge of the collar presents a clean-cut and smooth appearance, the only objects of the strip being to strengthen the edges and the button-holes of the sheet of zylonite or other pyroxyline compound and form an imitation hem to the collar or cuff.
75

The separate strip 2 to form the hem may be produced from the scrap or fragments which, in stamping or cutting out the articles, is ordinarily wasted, and by making the hem in the form of a strip independent and separate from the body material, and afterward cementing such strip in place, I am enabled to use a strip of greater thickness than the body, thereby producing a heavier and stiffer collar without increasing the thickness of the body material.
85

The advantages of my improved method of manufacturing collars and cuffs from pyroxyline material are, that I utilize and render useful the scrap or fragments resulting from stamping or cutting out the articles; I avoid using an undue quantity of stock; I simplify and reduce the labor and cost of manufacture, and I can vary the thickness of the body material and without employing a separate filling.
90

The strip 2, instead of terminating just above the button-hole, as in Fig. 1, may be continued
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so as to overlies the ends of the band, as in Figs. 5 and 6, thereby giving additional strength to the button-hole. A strip, 2^a, may also be attached to the lower edge of the collar, extending from end to end, a central enlargement, 3, being made to accommodate the button-hole. In the cuff, also, the end strips, 2, may each be provided with end pieces or extensions, 4, to cover and strengthen the button-holes, as shown in Fig. 7.

Instead of the strip 2^a, (shown in Fig. 6,) I may apply a simple patch, 5, to the button-hole, as shown in Fig. 5.

Having thus described my invention, what I claim is—

1. A collar or cuff of pyroxyline compound having a clean-cut and smooth outer edge, and a hem formed by a strip separate from the body material and cemented thereto, substantially as described.

2. A collar or cuff composed of a sheet of a pyroxyline compound having a clean-cut and

smooth outer edge, and a hem formed by a strip of a pyroxyline compound separate from the sheet and cemented thereto, with the smooth outer edges of the strip and the sheet in coincidence, or approximately so, substantially as described.

3. A collar or cuff of pyroxyline compound having a hem formed by a strip of a pyroxyline compound separate from the body material and cemented thereto, said hem having end pieces or extensions which overlies and strengthen the button-holes, the edges of the collar or cuff and the strip being in coincidence, or approximately so, substantially as described.

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

EMIL KIPPER.

Witnesses:

RUSSELL B. DEAN,
HENRY SCHÜRMANN.