

June 19, 1923.

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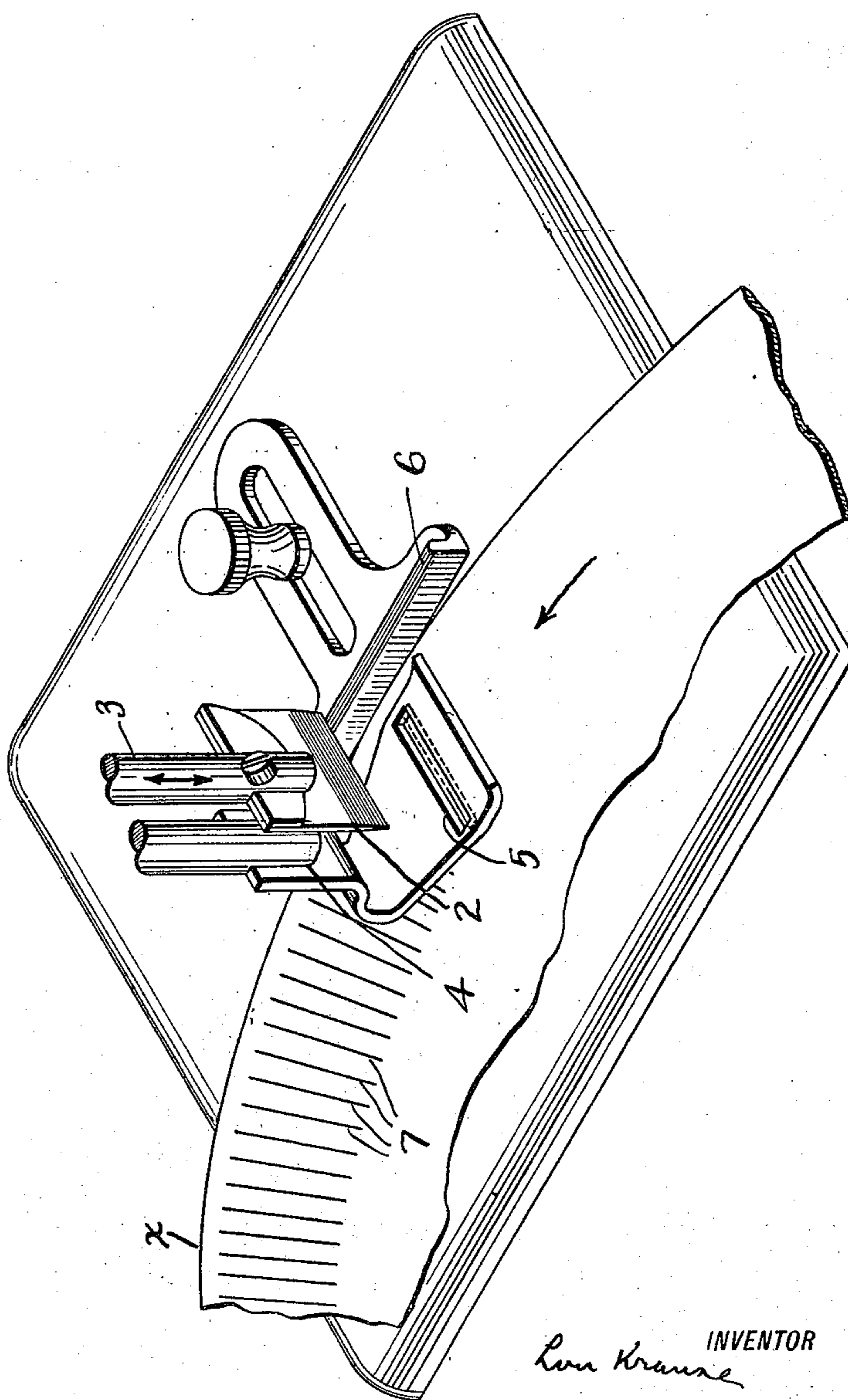
L. KRAUSE

MEANS FOR MAKING FRINGE FOR LADIES' HATS

Filed March 29, 1922

3 Sheets-Sheet 1

Fig. 1.



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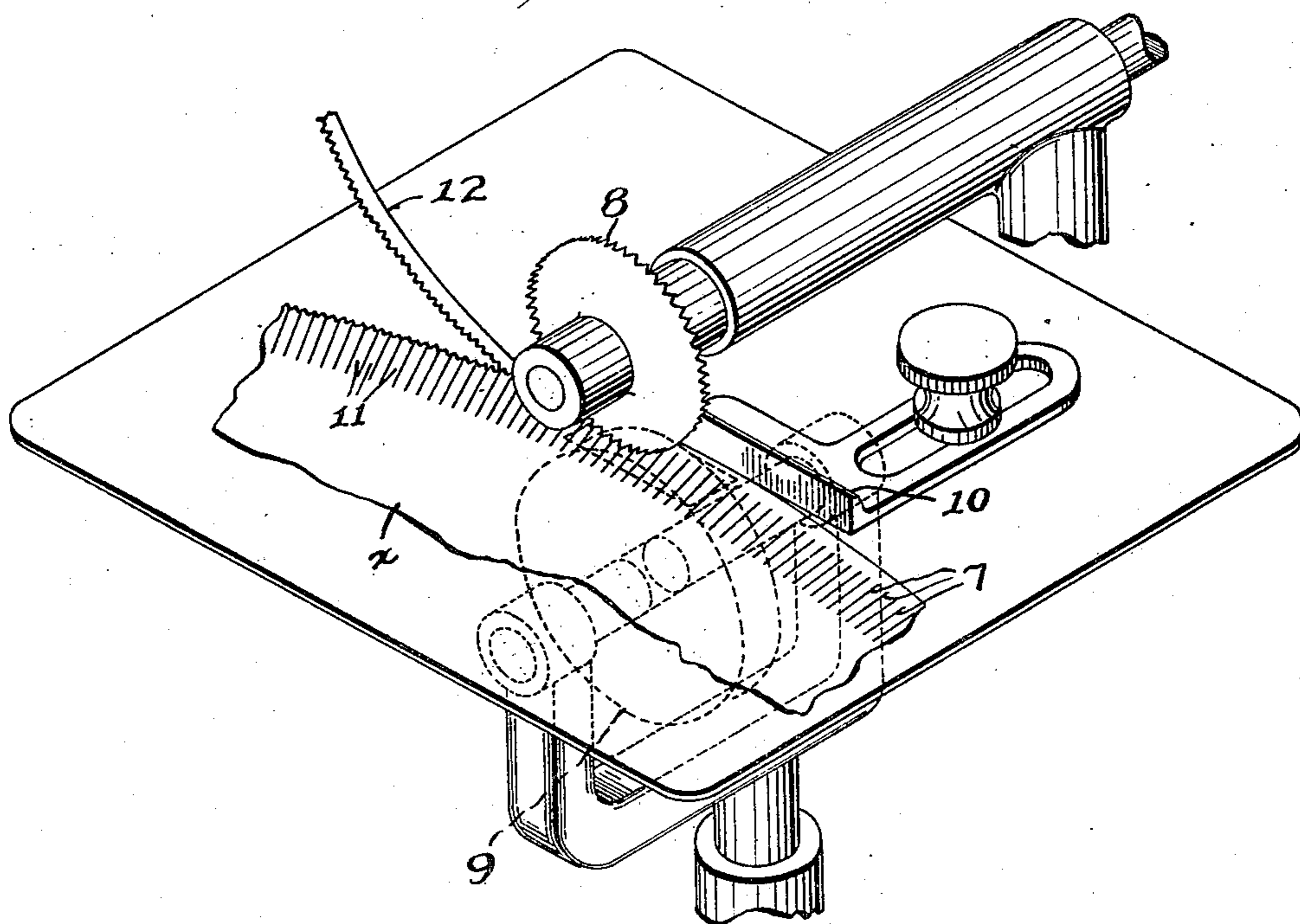
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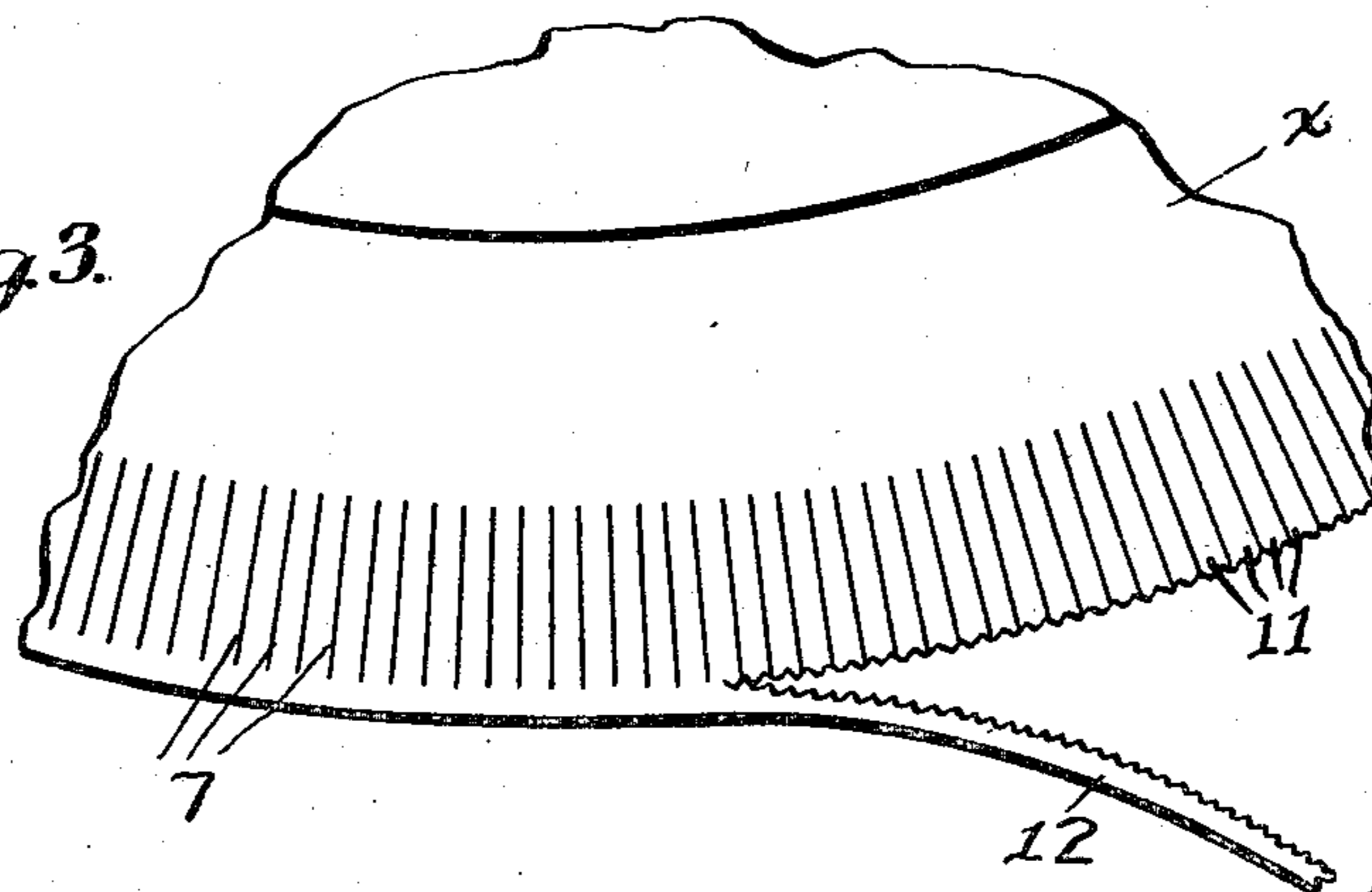
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*Fig. 2.*



*Fig. 3.*



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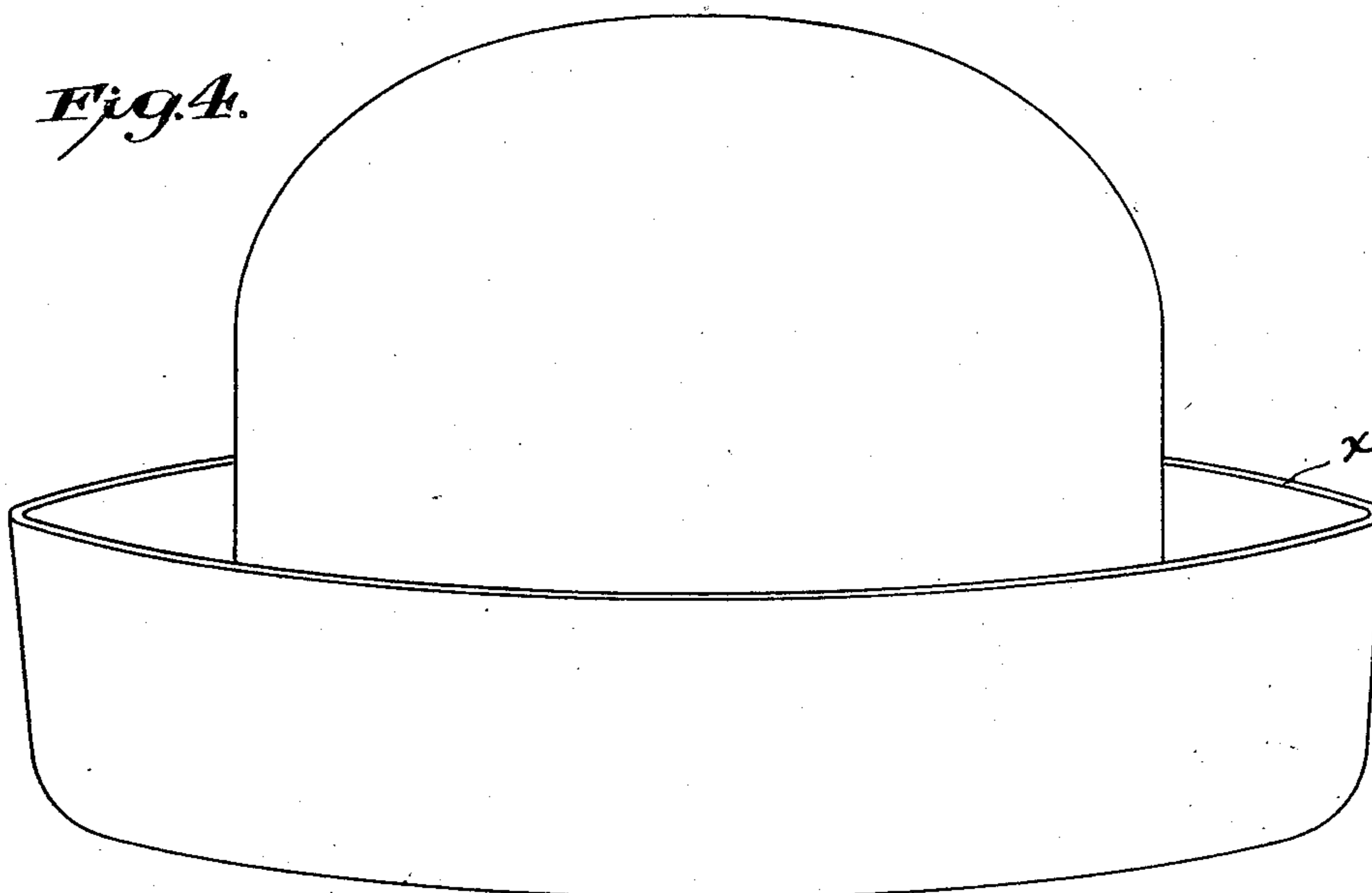
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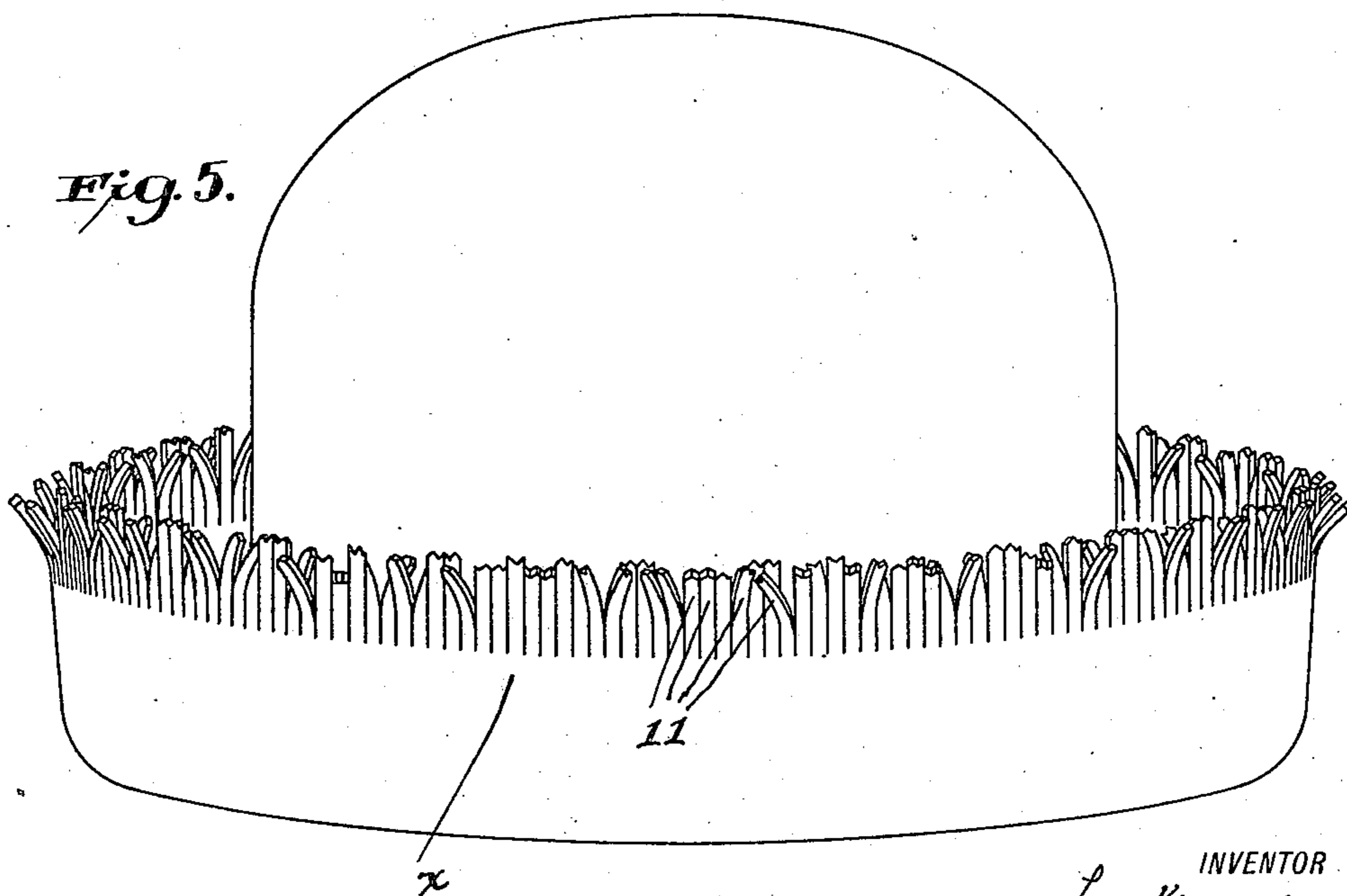
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*Fig. 4.*



*Fig. 5.*



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# UNITED STATES PATENT OFFICE.

LOU KRAUSE, OF NEW YORK, N. Y., ASSIGNOR TO SLYT EDGE COMPANY, INC., A CORPORATION OF NEW YORK.

## MEANS FOR MAKING FRINGE FOR LADIES' HATS.

Application filed March 29, 1922. Serial No. 547,931.

*To all whom it may concern:*

Be it known that I, LOU KRAUSE, a citizen of the United States, residing at 603 Broadway, in the county of New York and State of New York, have invented a new and useful Improvement in a Means for Making Fringe for Ladies' Hats, of which the following is a specification.

The object of the invention is to produce a novel and attractive ornamental fringe, useful in the women's hat industry and elsewhere, in an expeditious and effective manner. This is accomplished by forming substantially-parallel close-together slits adjacent and inwardly of the edge, and pink-  
ing the edge so as to remove the margin and form free pointed, dentated or scalloped ends on the resulting tongues between the slits.

In the accompanying drawings illustrating the invention:

Fig. 1 is a perspective fragmentary view illustrating the first step of the process as preferably practised;

Fig. 2 is a perspective view illustrative of the second step;

Fig. 3 is a fragmentary plan view of a hat-brim or other piece of material in the course of the process;

Fig. 4 is an illustration of a lady's soft felt hat, unfringed; and

Fig. 5 is an illustration of the same hat fringed in accordance with my method.

A piece of material  $x$ , which may be a hat brim, is fed through a sewing machine, or like machine, wherein, in the case of a sewing machine, a knife-blade 2 is mounted on the reciprocatory bar 3 corresponding to the needle-bar, in place of a needle. 4 is a special presser-foot having a slot 5 for the passage of the knife. The material is fed with its edge in contact with a suitable gage 6, so that as the material is advanced the knife or cutter is moved into and out of the material so as to form a series of slits 7. These slits or cuts are relatively close together and substantially parallel with each other and substantially radial or normal to the edge, and their outer ends are adjacent

and inward of the extreme edge, leaving a continuous margin or binding.

The edge is then pinked, preferably by passing it beneath a driven pinking roller 8, coacting in the ordinary manner of pinking rollers with an idle pressure roll 9. A suitable adjustable gage 10 is likewise provided in connection with this pinking step. The pinking roller or tool produces a relatively fine scallop or dentation, and acts near the outer ends of the slits 7, so as to intersect these slits and free the ends of the tongues 11, which are thus formed with pointed or dentated extremities. The narrow strip 12 which is cut off constitutes waste and may be as slight as desired.

The final result, after loosening and slightly roughing up the tongues, as seen in Fig. 5, for example, is a very desirable thickened and pointed fringe, which naturally falls into major scallops and waves of an irregular character, and thus by a very simple process gives distinction and value to a plain soft felt hat shape of the kind such as shown in Fig. 4. The invention is also applicable to other materials and articles of apparel or otherwise, and may be varied in its particular carrying out, and is not necessarily limited to the particular sequence of steps. In general, I believe that I am the first to produce this particular form of fringe and in this way, and also to recognize its special value in hats of the type and material referred to.

What is claimed as new is:

1. The method of producing a fringed edge upon a soft felt fabric comprising cutting close-together slits in the material adjacent and inwardly of the edge, and severing the outer portion of the material beyond said slits.

2. The method of producing a pointed fringed edge upon a soft felt fabric comprising cutting close-together slits in the material adjacent and inwardly of the edge, and severing the outer portion of the material beyond said slits by means of a pinking roller.

LOU KRAUSE.