

(No Model.)

J. S. HOSMER & P. C. LATHROP,

HAT SWEAT, AND OTHER CORDED EDGED FABRICS.

No. 255,993.

Patented Apr. 4, 1882.

Fig. 1.

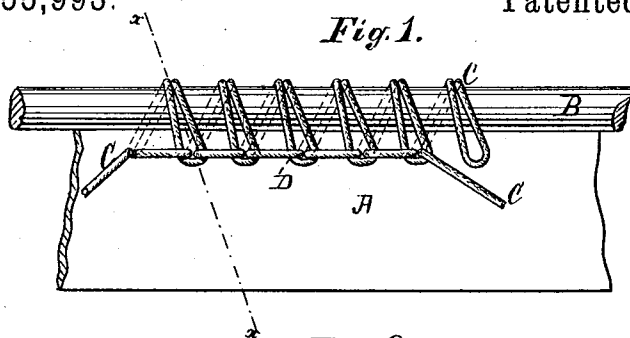


Fig. 2.

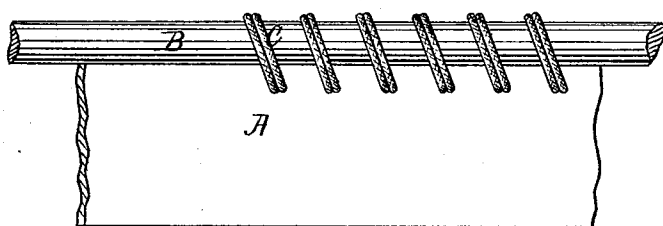


Fig. 3.

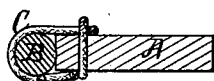


Fig. 4.

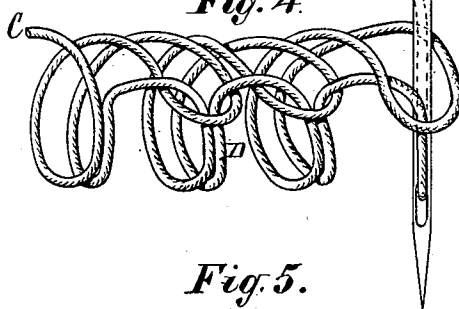
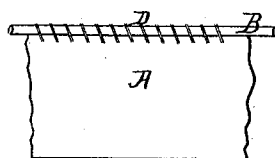


Fig. 5.



Witnesses:

Henry G. Fitch
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Inventors:

James S. Hosmer
Philip C. Lathrop
By *L. P. Fitch*
att'y.

UNITED STATES PATENT OFFICE.

JAMES S. HOSMER AND PHILETUS C. LATHROP, OF GLOVERSVILLE, NEW YORK, ASSIGNORS TO SAID HOSMER.

HAT-SWEAT AND OTHER CORDED-EDGED FABRICS.

SPECIFICATION forming part of Letters Patent No. 255,993, dated April 4, 1882.

Application filed March 9, 1881. (No model.)

To all whom it may concern:

Be it known that we, JAMES S. HOSMER and PHILETUS C. LATHROP, both of Gloversville, Fulton county, State of New York, have invented an Improved Sweat-Leather for Hats and other Corded-Edged Fabrics, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

Our invention consists in a sweat-leather for hats or other fabrics having a cord, wire, or reed (either covered or uncovered) secured to its edge by means of a single thread, constituting a stitch, formed by the loop of the needle-thread being drawn up over the edge of the fabric and locked by the needle at its next descent successively, whereby a very perfect simulation of a single-thread over-edge hand-made stitch is produced, which is greatly to be desired in finishing hat-sweats, bonnet-frames, &c., and whereby the over-edge stitch may be produced by a sewing-machine, as hereinafter particularly set forth and described.

Figure 1 is an enlarged side view of a portion of a sweat-leather or other fabric having a cord or reed secured to its edge by means of the described stitch. Fig. 2 is a reverse view of the same. Fig. 3 is a section of the same on the line *x x*, Fig. 1. Fig. 4 is an enlarged detail view of the stitch; and Fig. 5 is a view, about natural size, of a portion of our completed hat-sweat or other fabric.

In carrying out our invention the sweat-leather or other fabric, A, which may be of woven, knitted, or felted cloth or leather, or other analogous material, has a cord, wire, or reed, B, which may be either covered with a suitable incasing-strip or may be used naked, as desired, secured to its edge by means of a single thread, C, constituting the stitch D, (shown plainly in Fig. 4) formed by successively drawing the loop formed by the thread on it (the needle) below the fabric up over the edge of the fabric, and consequently over and around the cord or reed, and locking the loop by the needle at its next descent. The forming of this stitch and its arrangement in relation to the sweat-leather or other fabric and

cord in the manner described may be accomplished by means of a sewing-machine invented by James S. Hosmer, one of the parties to this present invention, for which sewing-machine the said Hosmer has filed application for Letters Patent of even date herewith. And it will be evident, as is revealed by Fig. 5 of the drawings, that our improved sweat-leather or other fabric will have the cord or reed attached to its edge by a single thread, constituting a stitch that very closely simulates a hand-made single-thread over-edge stitch, which is greatly of advantage in the manufacture of hats, as in finishing hats this latter stitch is preferred by hatters to appear on the leather as the stitch attaching the reed or cord thereto. And it is further evident that while this desirable stitch is made to appear on the hat-sweat, it may be rapidly and economically formed, and the hat-sweats, with the reed attached, produced by a sewing-machine, as aforesaid. And it is also evident the described invention may be applied to and practiced in the sewing of wire or cord upon the edge of a bonnet-frame and to analogous purposes.

We are aware that hat-sweats have been heretofore made in which the cord or reed has been secured to the sweat-leather by an over-edge stitch, and hence we do not intend to claim broadly herein a hat-sweat or other fabric having a cord or reed attached to its edge by an over-edge stitch. But the over-edge stitch heretofore employed to attach the reed or cord to the sweat-leather has been a double-thread shuttle-stitch, and has been a zig-zag in form when produced, and in no way resembling a single-thread hand-made over-edge stitch; nor has it been acceptable to, nor have hat-sweats containing this stitch been adopted or used by, hatters in finishing hats. We intend, therefore, to limit our claim hereunder to a hat-sweat or other fabric which has a cord or reed secured to its edge by the stitch formed of a single thread, which has the loop formed on the needle below the fabric carried up over the edge of the leather and locked by the needle in its next descent, successively, whereby a fabric is produced which has a reed, cord, or

wire attached to it by a very elastic stitch, and one which closely simulates a single-thread hand-made over-edge stitch.

What we claim as new, and desire to secure
5 by Letters Patent, is—

As a new manufacture, a sweat for hats or other cord-edged fabric, in which the sweat-leather or other fabric has attached to its edge
10 a reed, cord, or wire (either covered or uncovered) by means of a single thread, constituting

a stitch, formed by successively drawing the loop formed by the thread on the needle below the fabric up over the edge of the fabric and locking said loop by the next descent of the needle, as and for the purpose specified.

JAMES S. HOSMER.

PHILETUS C. LATHROP.

Witnesses:

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