

No. 621,312.

Patented Mar. 21, 1899.

B. C. ALGEO.
SKIRT PROTECTOR.

(Application filed Oct. 3, 1898.)

(Specimens.)

Fig. 1.

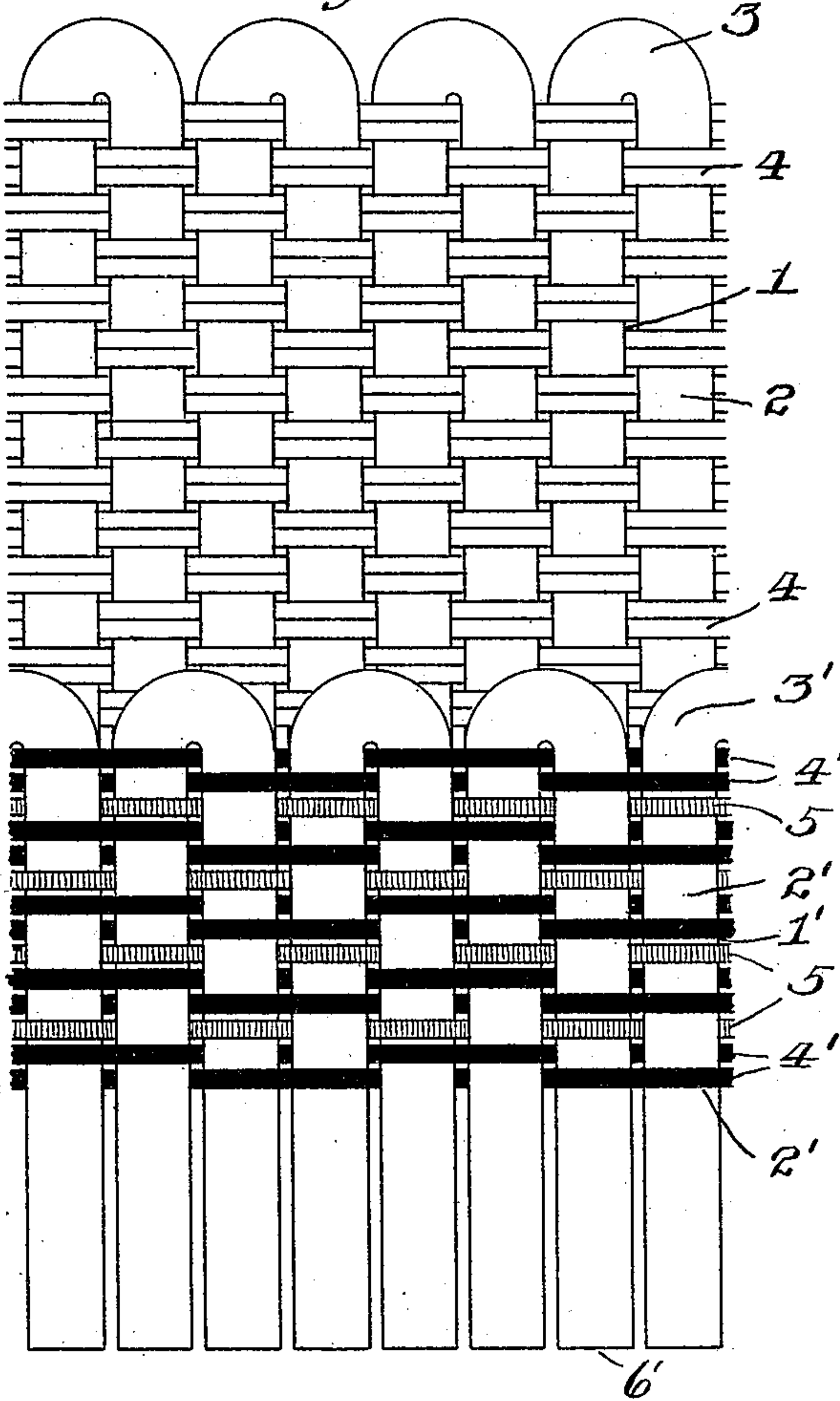


Fig. 2.

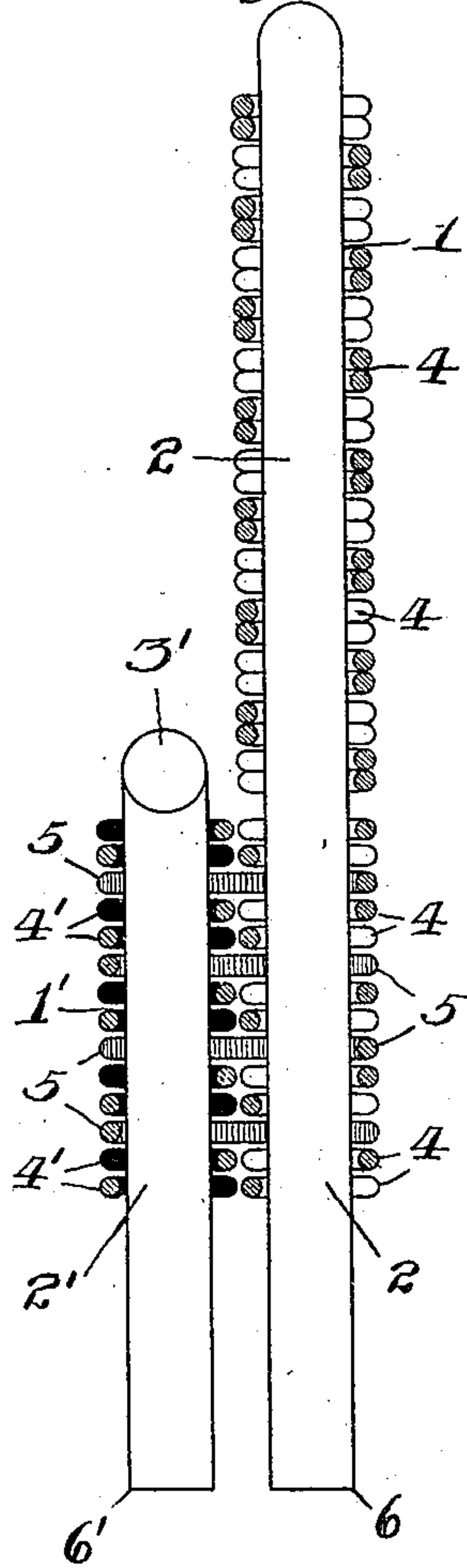
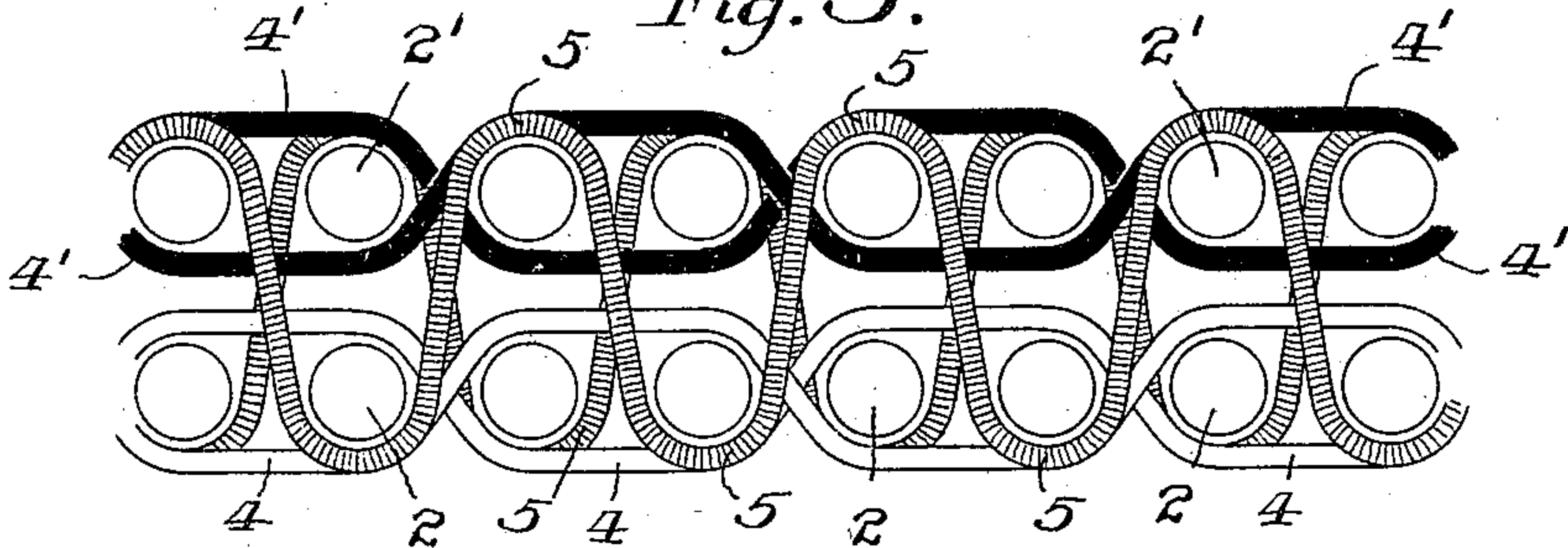


Fig. 3.



WITNESSES:

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SKIRT-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 621,312, dated March 21, 1899.

Application filed October 3, 1898. Serial No. 692,575. (Specimens.)

To all whom it may concern:

Be it known that I, BRADLEY C. ALGEO, a citizen of the United States, residing at Oreland, in the county of Montgomery, State of Pennsylvania, have invented certain new and useful Improvements in Skirt-Protectors, of which the following is a specification, reference being had to the accompanying drawings.

My invention is more particularly a skirt-protector having a woven body combined with a fringe or brush formed of the loose or unwoven weft ends. The body is composed of two fabrics of different widths, each having its weft and warp threads woven wholly independently of the weft and warp threads of the other, the two fabrics being combined together by means of binder-warp and the unwoven portions of the two wefts combining to form the brush or fringe.

The nature of this improvement is illustrated in the accompanying drawings, of which—

Figure 1 is a face view of the invention. Fig. 2 is a sectional view parallel to the wefts, showing the relation of the warps and wefts; and Fig. 3 is a sectional view at right angles to the wefts, showing the relation of the warps and wefts.

Referring to the structure of the improvement, the wider back fabric or head 1 is made up of weft-threads 2 (looped to form the selvage edge 3) and warp-threads 4, the weft and warp combining in any usual manner, as illustrated. In like manner the narrower front fabric or head 1' is made up of weft-threads 2' (looped to form a selvage edge 3', parallel to the selvage of the back fabric) and warp-threads 4', these weft and warp threads combining in any usual manner, as illustrated.

In weaving the two fabrics a binder-warp, as 5, is employed at such intervals as may be required to hold the two fabrics or heads together in one body. For example, every fifth warp-thread may be a binder-warp, as illustrated. By so combining the two fabrics a bead is formed by the face fabric 1', which adds materially to the beauty of the braid or skirt-protector. The loose unwoven weft

ends 6 and 6' combine to form a heavy and durable brush.

It will be understood that the drawings show but half of the fabric as it is woven, a similar set of warp-threads being placed in the loom symmetrically with those shown with respect to the medial line upon which the weft threads common to both sets of warp are cut to form the brush. The number of warp-threads omitted will be regulated by the depth of brush required.

It may be found desirable to form a closer weave at the foot of the woven body than that desirable between such point and the selvages.

This improvement may be adapted to use as a fringe for draperies and other fabrics, and the head 1' may be duplicated upon the opposite side of the head 1 in a manner analogous to that shown, thus forming a body by the combination of the three independent heads and a fringe from their weft ends.

I am aware that it has been proposed to form a fringe having a woven body composed of a single set of warp-threads which combine regularly with two sets of weft-threads of different lengths; but in such proposed fabric the shorter weft threads pass through and combine regularly with the fabric formed by the warp and longer weft-threads. In my improvement the weft and warp threads of the face fabric are woven independently of the back fabric and a different effect, as well as a different structure, is produced.

Having thus described my invention, I claim—

1. In a skirt-protector, two independent woven fabrics united by binder-warp and each having loose weft ends which form a brush.
2. In a skirt-protector, two independent woven fabrics of different widths, united by binder-warp and each having unwoven weft ends which combine to form a fringe or brush.

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

BRADLEY C. ALGEO.

Witnesses:

THOMAS S. GATES,
CHARLES N. BUTLER.