

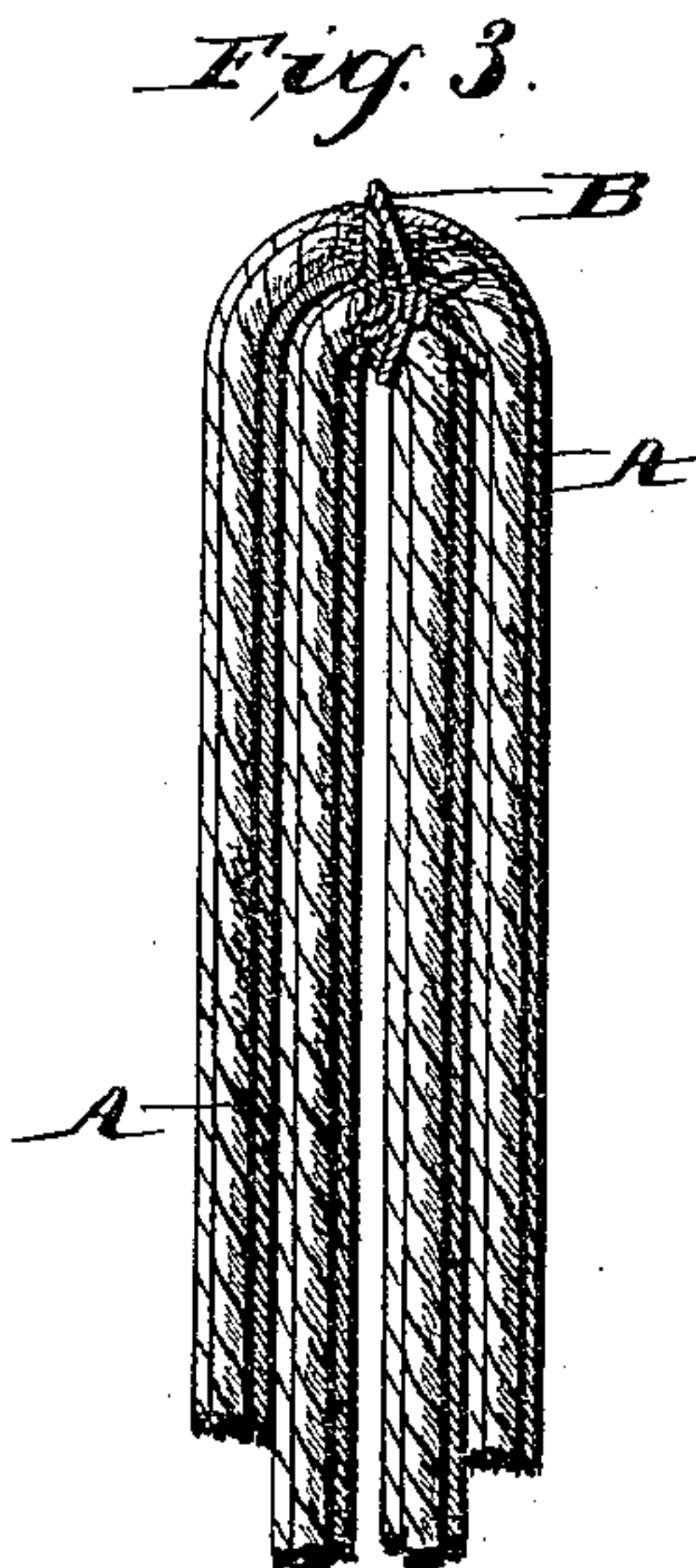
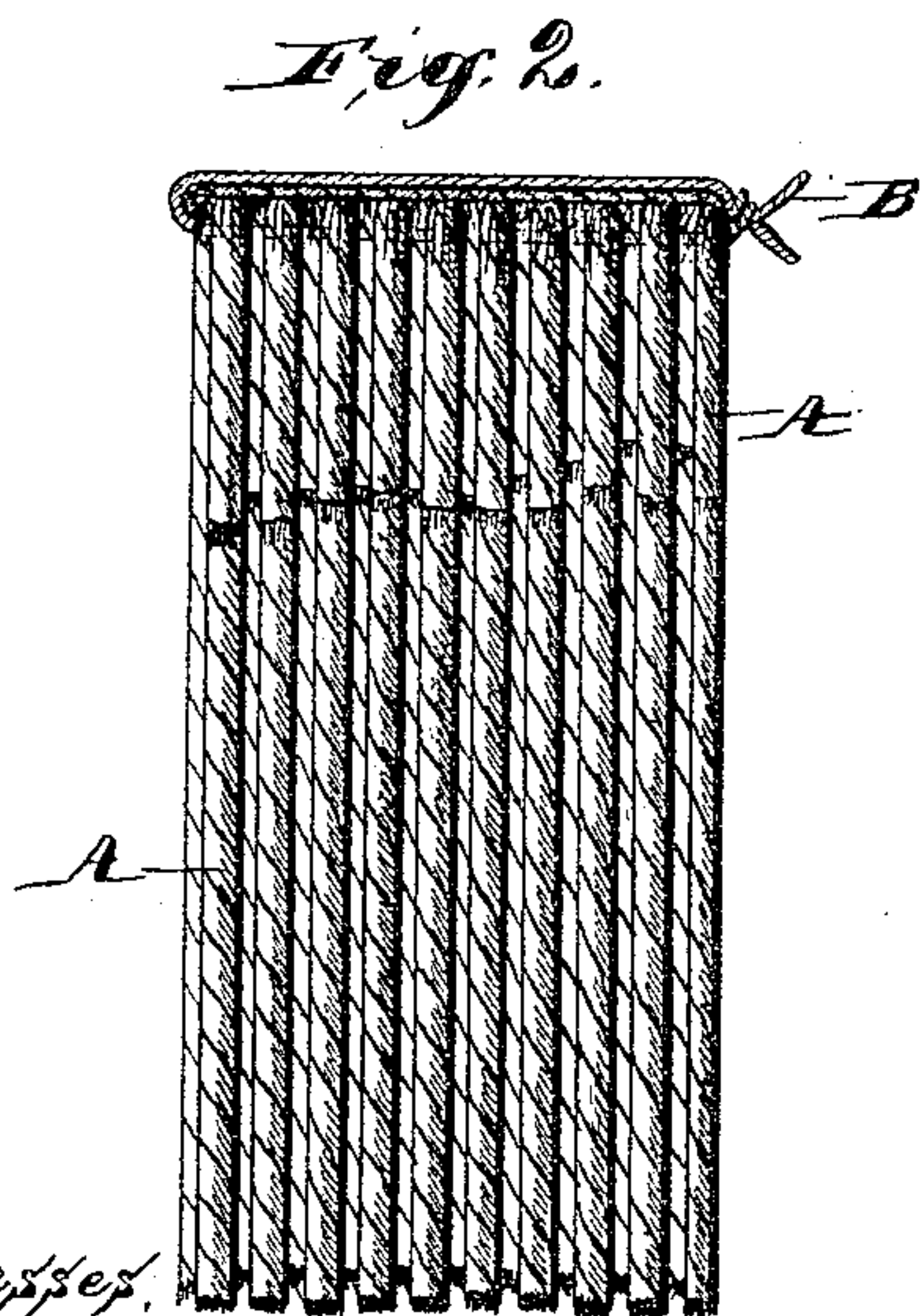
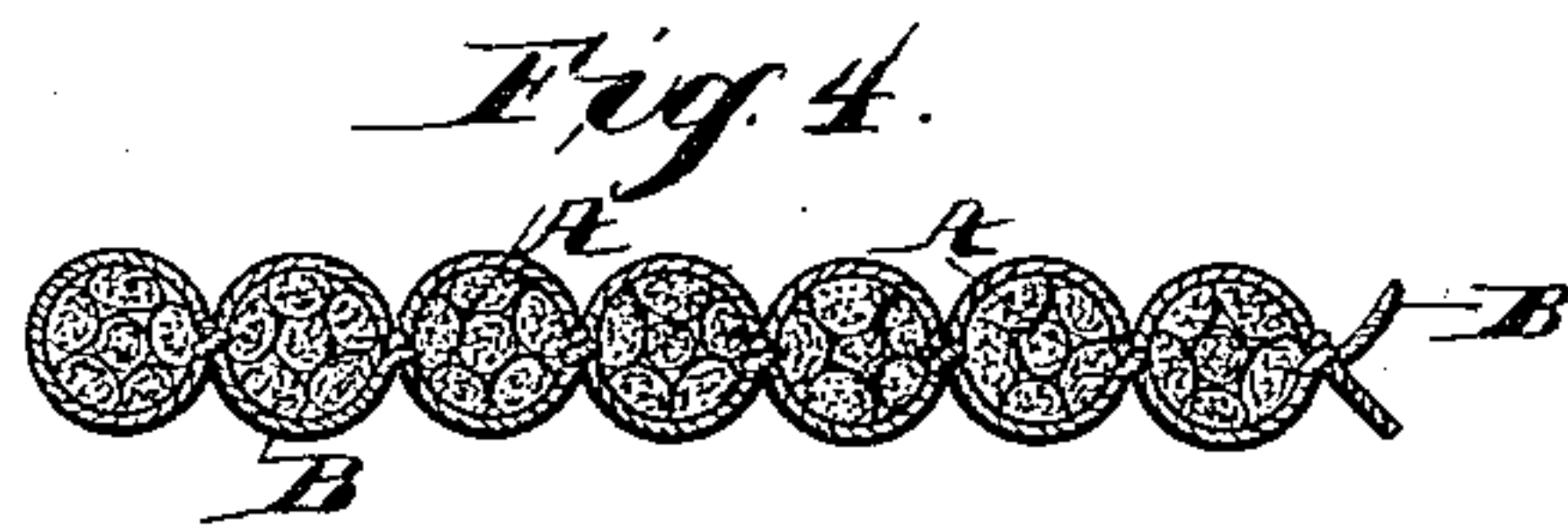
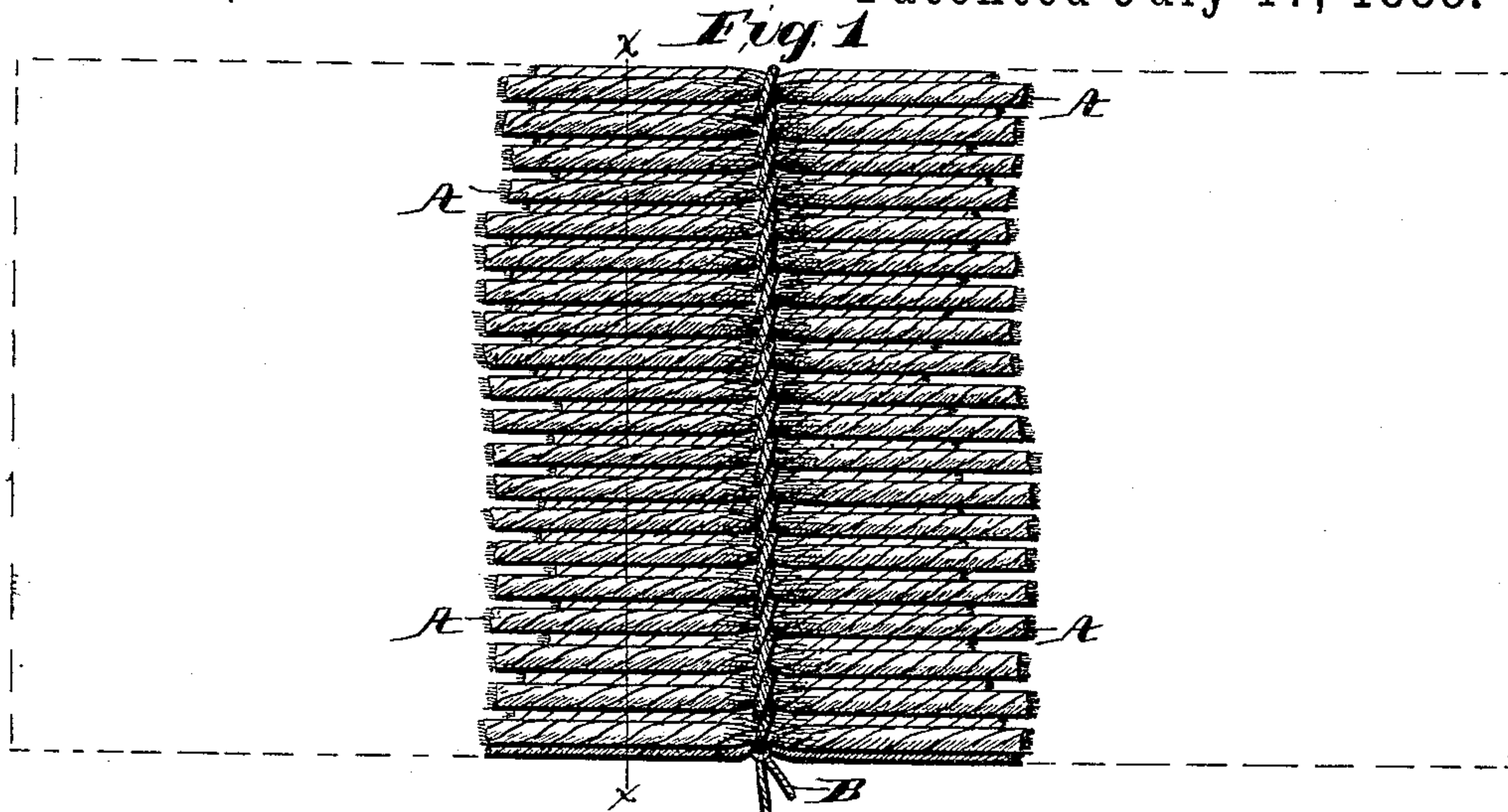
(No Model.)

L. MOORE.

MOP.

No. 386,341.

Patented July 17, 1888.



Witnesses,

Wm. H. Scott.  
J. F. Beah.

Inventor

Lemuel Moore.  
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# UNITED STATES PATENT OFFICE.

LEMUEL MOORE, OF CHICAGO, ILLINOIS.

## MOP.

SPECIFICATION forming part of Letters Patent No. 386,341, dated July 17, 1888.

Application filed November 12, 1887. Serial No. 255,020. (No model.)

*To all whom it may concern:*

Be it known that I, LEMUEL MOORE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Mops; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

In the manufacture of mops it is customary to make them of one long piece of twisted raw wool, which is alternately folded back and forth and a narrow band sewed across its center at the point where it is to be doubled over. The breaking of this band permits the mop to fall apart. Mops have also been made of a suitable number of strings or pieces of yarn having yarn or strings woven across it at suitable intervals in its length, and then cut centrally between the woven portions, and it is found that the pieces of yarn pull out from the woven portion. To obviate these objections and provide a more durable mop is the object of my invention; and it consists of the parts and combinations of parts hereinafter described and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 is a plan view, partly in full and partly in dotted lines, of my improved mop spread out; Fig. 2, a side elevation of the mop, partly broken away and folded ready for the holder; Fig. 3, an end view of Fig. 2; and Fig. 4, a sectional view on the line *x x*, Fig. 1.

Similar letters refer to similar parts throughout the several views.

In the manufacture of my improved mop I take ropes A, formed of yarn-strands twisted, preferably what is known as "ten-strand mop-yarn," about thirty-two inches in length, and tie them together at their middles in bunches of six ropes by a cord, B, as clearly shown in Fig. 4, there being a knot between each bunch

of ropes, until a sufficient number of bunches are tied together to form a mat twelve inches wide, the bunches of ropes forming the same being entirely independent of each other, so that in the case of the breaking of the cord only the bunch at the point where the cord breaks will be affected. I then fold it in its center longitudinally, thus leaving its six inches in width, and bring the cord B back about the double portion and tie it securely at the opposite edge, as clearly shown in Fig. 2, when it is ready to be inserted in the mop-holder. The advantage of folding the mat on itself longitudinally after the ropes are tied in bunches is that a double layer is thus obtained, each of which is independent of the other, although they are secured one on the other. The binding together of ropes in bunches of six makes the mop stronger than if it were woven or a band merely sewed across the middle portion to hold the yarn together, and the pulling out of one rope or strand does not injure the mop or draw other portions thereof away with it, as the ends of the ropes are free or each rope is independent of the others forming the mop.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The hereinbefore-described mop, consisting of the twisted yarn-ropes tied together in bunches at their middle portion to form a mat of suitable width, each bunch being tied independent of the others, then folding said mat longitudinally or in the direction of its length to form a double layer, and the whole securely bound together by a cord passed around its middle, substantially as described.

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

LEMUEL MOORE.

Witnesses:

JOHN D. PARKER,  
FESTUS B. COLE.