

(No Model.)

S. ELLIOTT.
Process of Stitching and Tying Pamphlets and Papers.

No. 237,966.

Patented Feb. 22, 1881.

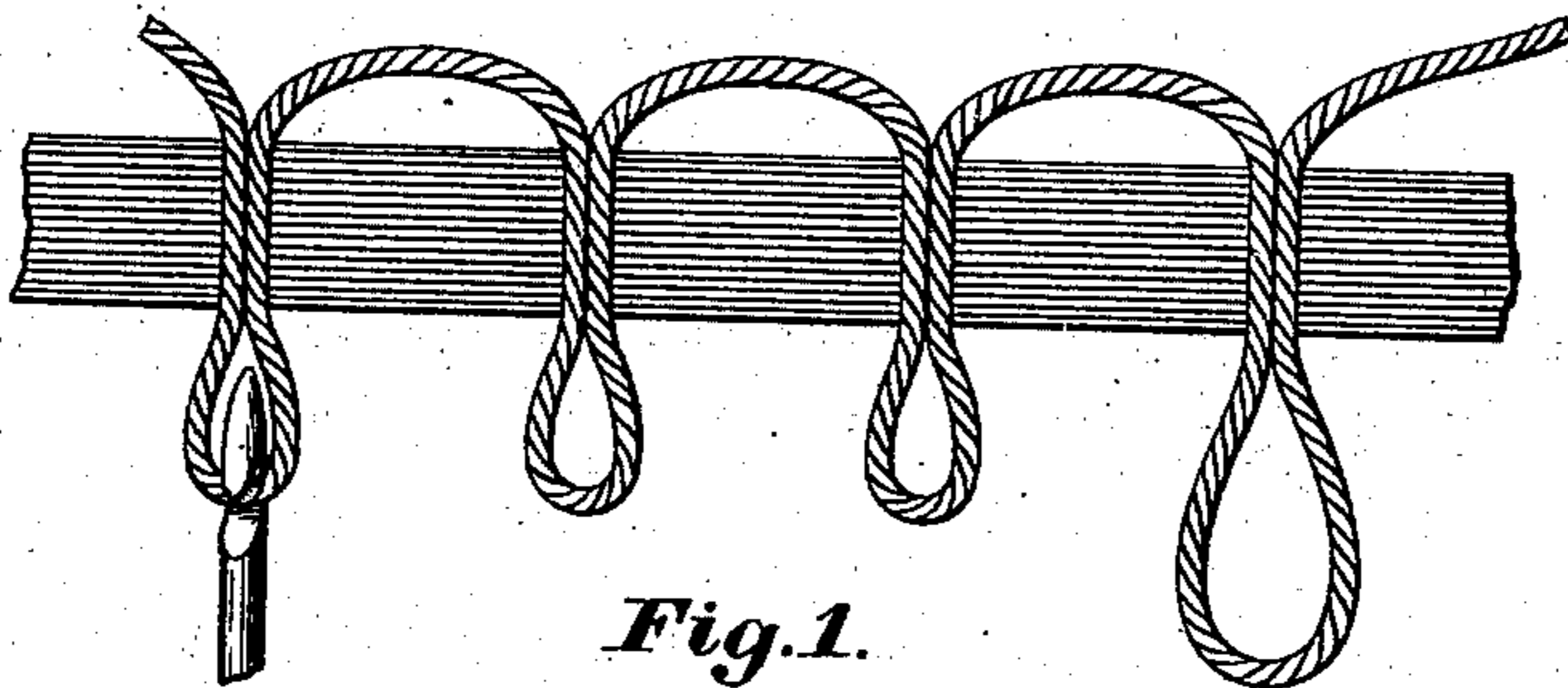


Fig. 1.

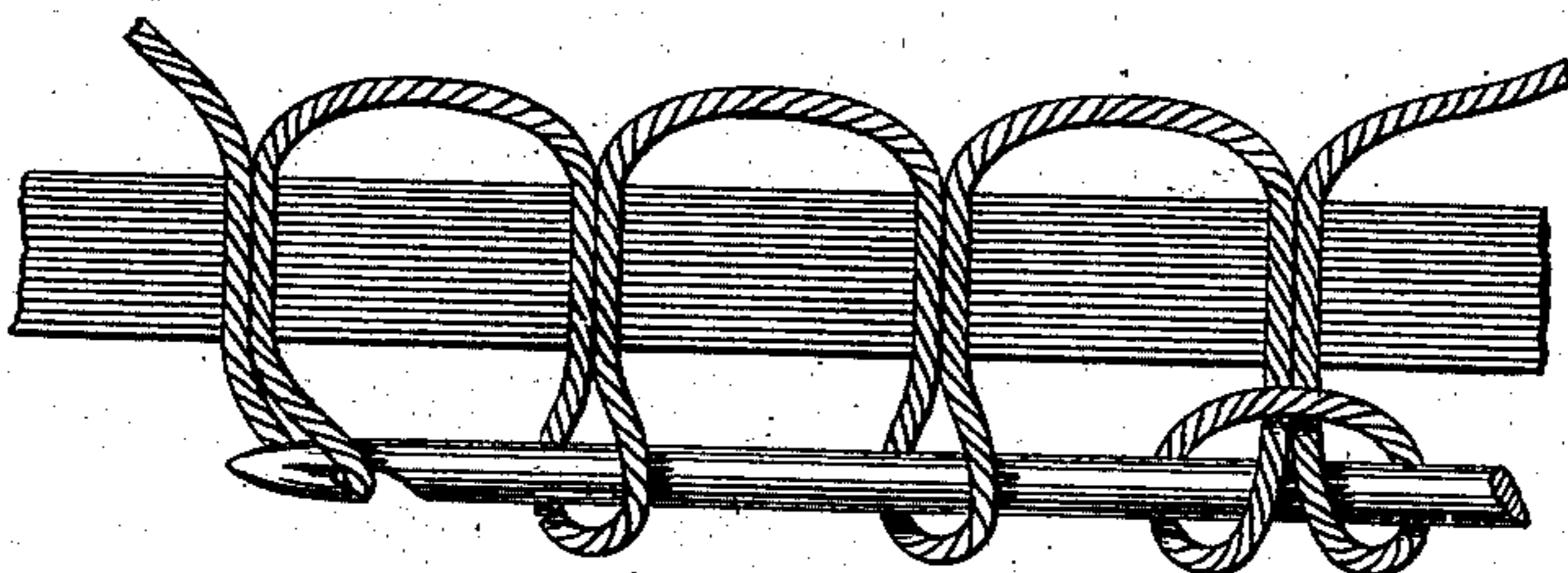


Fig. 2.

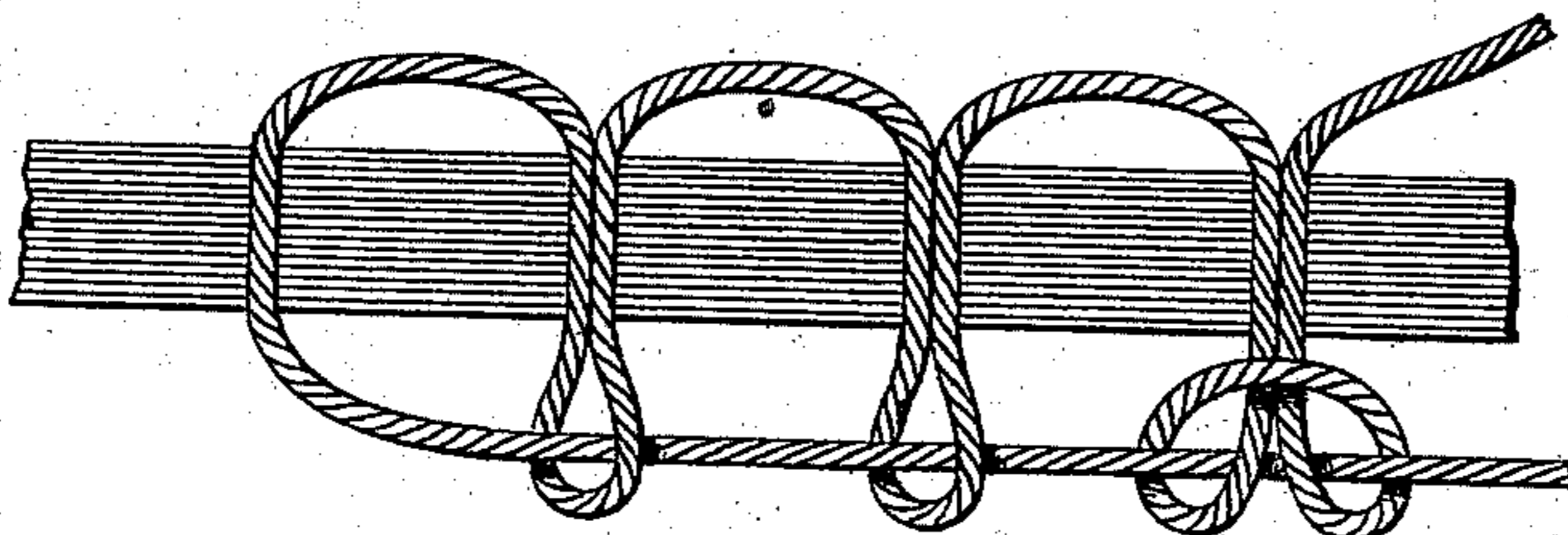


Fig. 3.

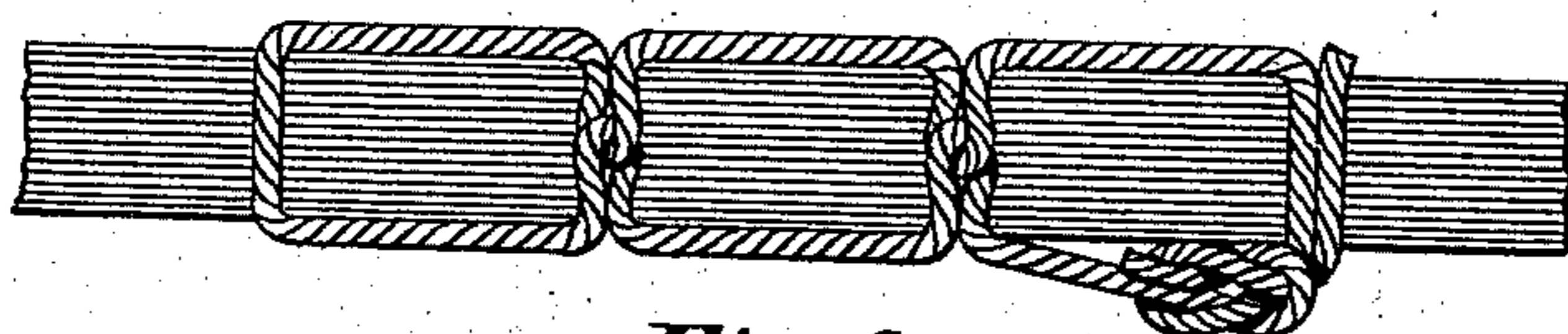


Fig. 4.

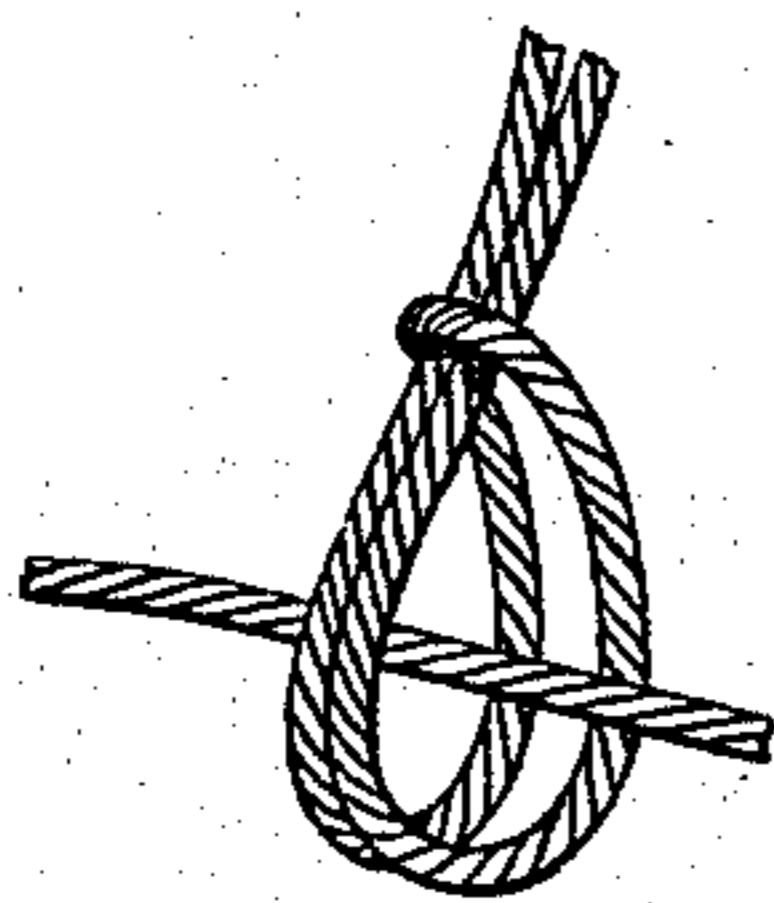


Fig. 5.

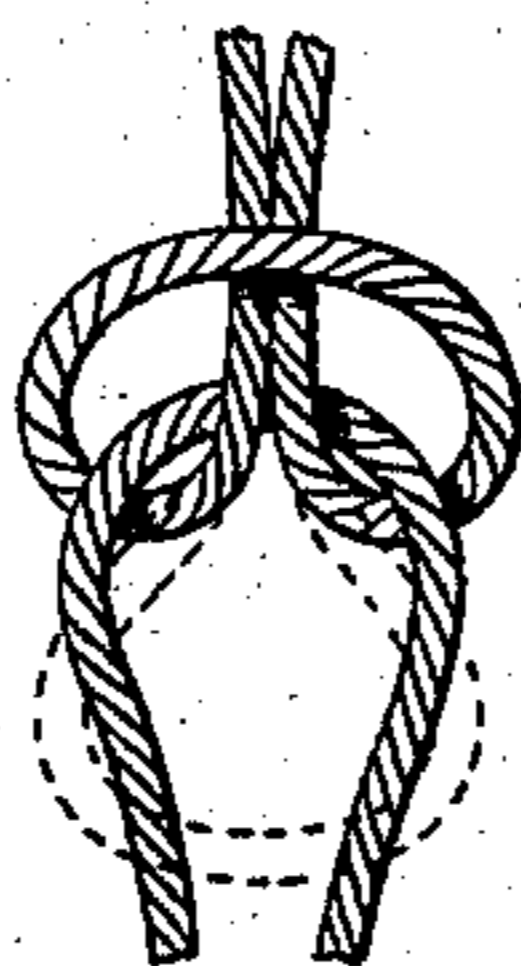


Fig. 6.



Fig. 7.

Witnesses:

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STERLING ELLIOTT, OF BOSTON, MASSACHUSETTS.

PROCESS OF STITCHING AND TYING PAMPHLETS AND PAPERS.

SPECIFICATION forming part of Letters Patent No. 237,966, dated February 22, 1881.

Application filed November 18, 1880. (No model.)

To all whom it may concern:

Be it known that I, STERLING ELLIOTT, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in the Process of Stitching and Tying Pamphlets, Papers, &c.; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification.

The object of my invention is to so form the knot and stitches as to render them capable of being more quickly made than can the present form, which requires that the thread shall be passed through the material twice for each stitch, whereas in my improved method it is only necessary that the thread should pass through the material twice for any number of stitches, as the intermediate ones are formed by the interlocking of one part of the thread into the other through the material, as is clearly shown by the drawings.

Figure 1 shows the first step to be taken in the formation of my improved stitch, which consists of drawing through the material a series of loops, the first somewhat longer than the succeeding ones. This long loop is next doubled upon itself, as shown in Fig. 2. Then

a suitable hook is inserted through this doubled loop, pushed forward through all the intermediate loops, and finally hooked into the last one, which is the end of the thread. Upon being withdrawn it is made to carry with it the thread, which leaves the stitch as shown in Fig. 3.

Figs. 5, 6, and 7 show the operation of turning the doubled loop to form a square knot, both ends of the thread being drawn up before the knot is tightened, after which the finished stitches will appear, as in Fig. 4. This same method might be employed to make more or less than the number of stitches shown, though that is the number I prefer to employ.

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

The process of stitching and tying pamphlets, &c., which consists in drawing through the material a series of loops, doubling the first upon itself, then passing the end of thread, which is the last loop, through all the other loops, thus forming the stitches and knot at one operation, substantially as shown.

STERLING ELLIOTT.

Witnesses:

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