(No Model.)

J. H. BRIGGS.

SEWING CORD.

No. 346,577. Patented Aug. 3, 1886.

FIG. 1.

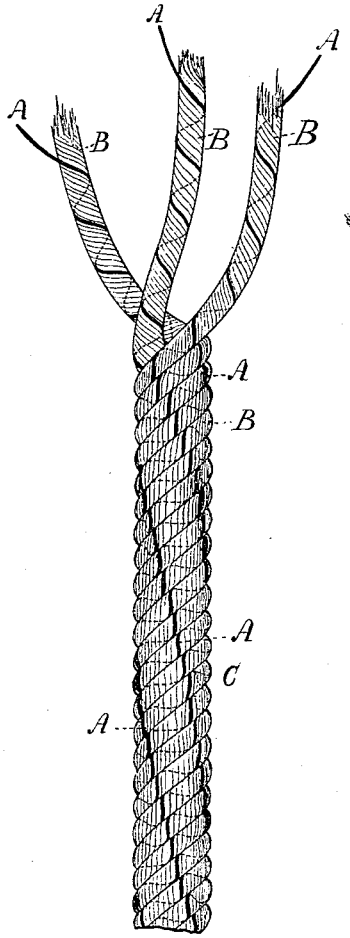
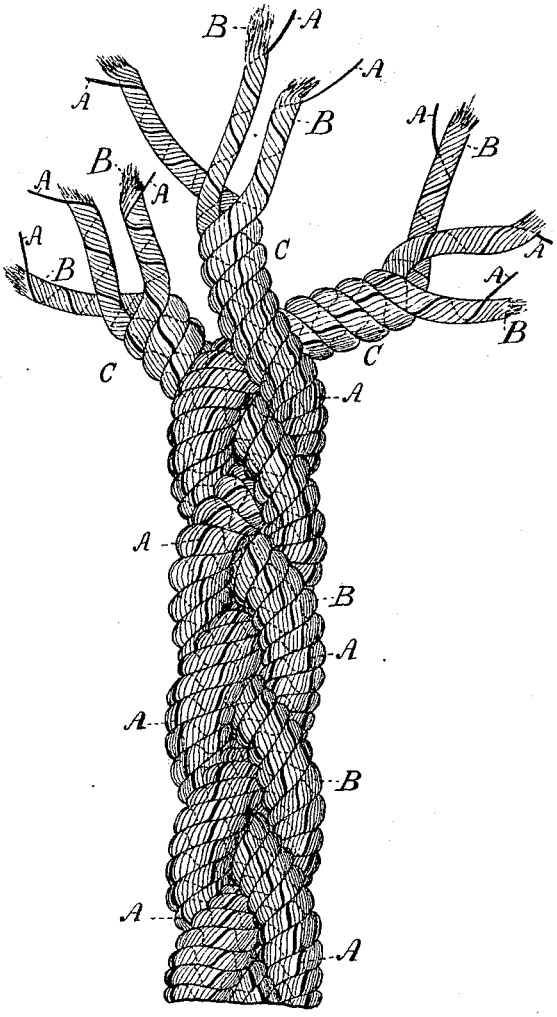


FIG. 2.



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UNITED STATES PATENT OFFICE.

J. HENRY BRIGGS, OF PHILADELPHIA, PENNSYLVANIA.

SEWING-CORD.

SPECIFICATION forming part of Letters Patent No. 346,577, dated August 3, 1886.

Application filed June 20, 1885. Serial No. 169,263. (No specimens.)

To all whom it may concern:

Be it known that I, J. HENRY BRIGGS, of the city and county of Philadelphia, in the State of Pennsylvania, have invented a certain new and Improved Sewing-Cord, of which the following is a specification, reference being had to the accompanying drawings, forming part hereof, in which—

Figure 1 is an elevation, on an enlarged scale, of my improved sewing-cord, showing the wire twisted around each strand of the fibrous material, and also the wired strands twisted together; and Fig. 2 is a similar view, on an enlarged scale, of a modified form of my improved cord, consisting of three cords, each composed of three strands of fibrous material having a wire twisted around each of them and then twisted together, and the three wired cords afterward plaited together for use.

My invention relates to a wired sewing-cord, and the object of the invention is to manufacture a wired sewing-cord which shall possess strength, durability, inelasticity, and a certain amount of pliability, for in the application of cords to the manufactures these characteristics are essentially demanded; but, as far as I am aware, these features have not been combined in a sewing-cord as heretofore made; and to which ends my invention consists of a cord composed of two or more strands of fibrous material having a single metallic wire twisted around each strand, and the several strands then twisted together for use. This cord has been found in practice to satisfactorily fulfill all the requirements demanded of it, for by the use of wire the fiber is protected and the cord strengthened and rendered durable and inelastic, and such a cord I have used with practical success as a means of securing the soles of boots and shoes.

The nature of my invention will be more particularly explained as follows: I take hemp or flax, preferably in strands, and in any well-known construction of twisting or spinning machine twist around each strand a single metallic wire, and then twist together the two or more wired strands for use.

Referring now to the accompanying drawings, A represents the wire twisted around each strand of the fibrous material B, and C the wired sewing-cord after it has undergone the twisting operation in a twisting or spinning machine, and represented as ready for immediate use.

In Fig. 2, which, as aforesaid, represents a modified form of my improved cord, the latter consisting of three or more cords, C, each composed of three strands of fibrous material, B, having a single wire twisted around each of them. The wired strands thereof are first twisted together; then after each cord C is completed, as hereinabove fully described, the three or more cords are plaited together in any suitable manner.

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

As a new article of manufacture, a sewing-cord of filamentous fiber, hemp or flax, composed of two or more strands having twisted around each a single metallic wire, and combined substantially as described.

J. HENRY BRIGGS.

Witnesses:
WALTER S. GIBSON,
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