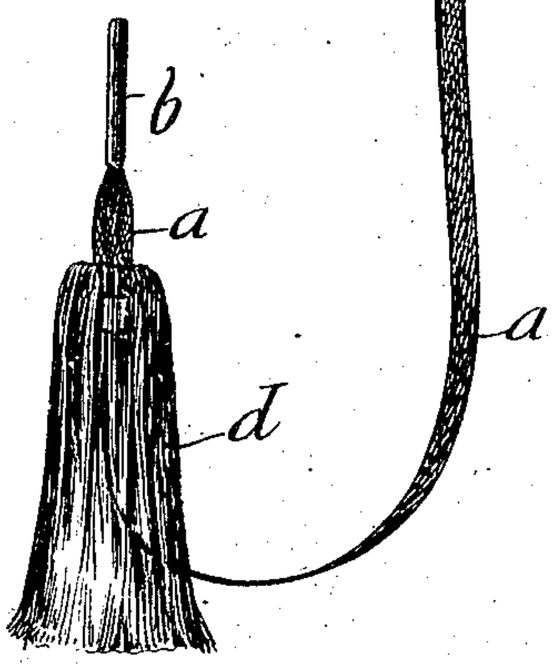
No. 847,752. PATENTED MAR. 19, 1907.

A. FINKENSIEPER.

SHOE LACE.

APPLICATION FILED NOV. 10, 1906.

Fig: 1.



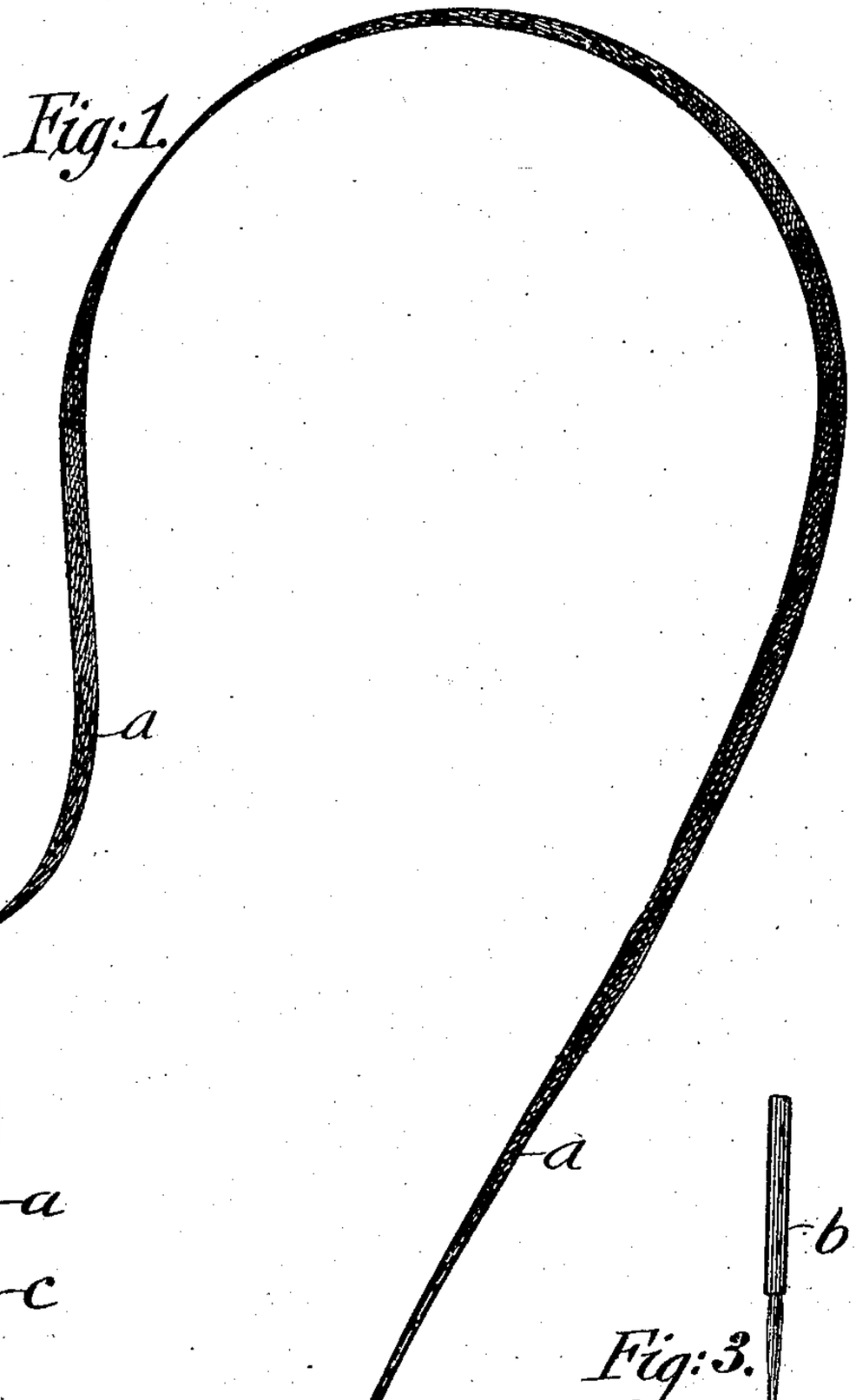
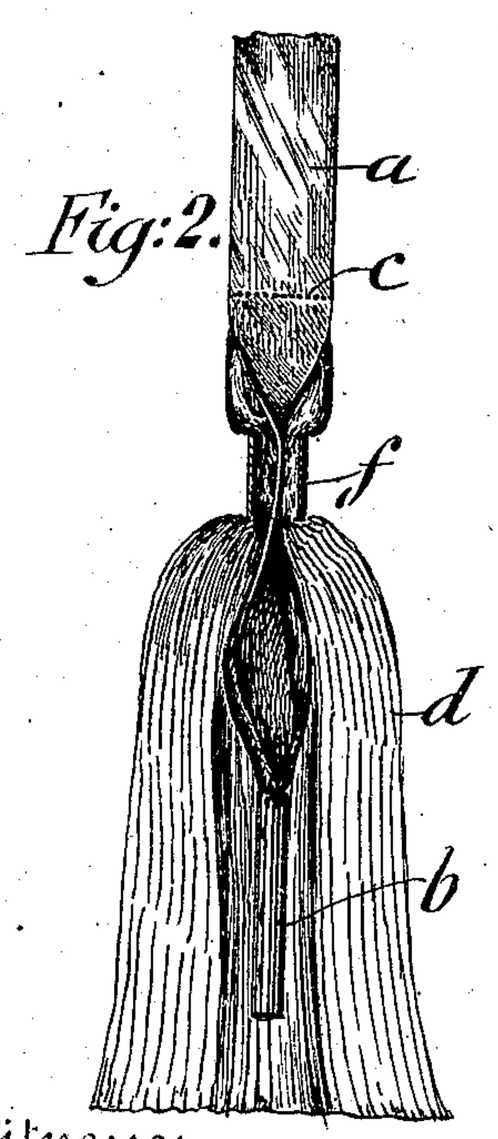


Fig: 2.



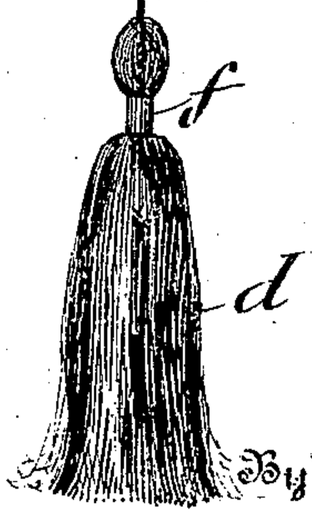
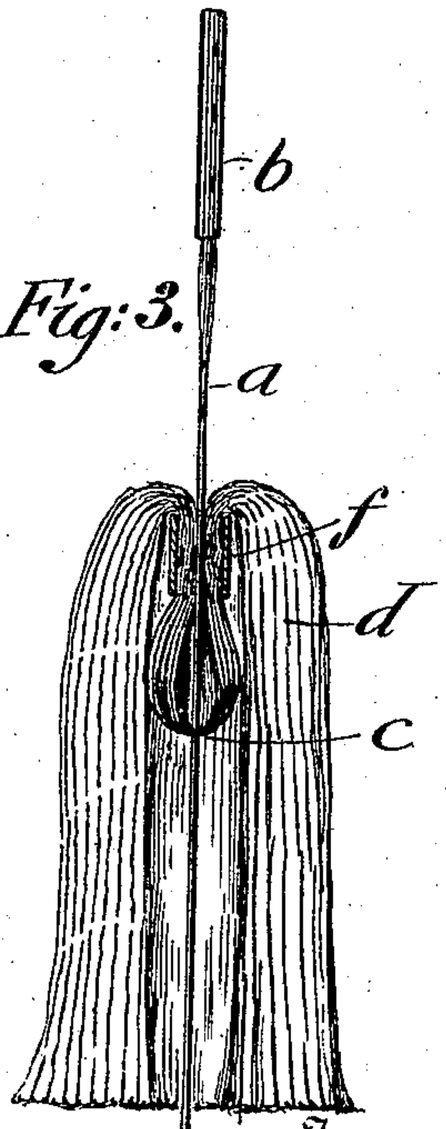


Fig: 3.



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SHOE-LACE.

No. 847,752. Specification of Letters Patent. Patented March 19, 1907.

Application filed November 10, 1906. Serial No. 342,880.

To all whom it may concern:

Be it known that I, ADOLPH FINKENSIEPER, a citizen of the United States, residing in West Hoboken, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Shoe-Laces, of which the following is a specification.

This invention relates to an improved shoe-lace having fringed ends covering the ordinary tips, so as to have an ornamental appearance without the fringe impairing the ordinary use of the lace; and for this purpose the invention consists of a shoe-lace which is provided at the ends back of the ordinary tip with tufts that are passed through the lace back of the tip and retained thereon by a metallic ferrule that is clinched around the tufts so as to form a fringe for the ends of the lace.

In the accompanying drawings, Figure 1 represents a perspective view of my improved shoe-lace provided with fringed ends, one end being shown with the fringe covering the metallic tip, while the other end shows the fringe turned backward away from the tip ready for passing the lace through the eyelets of the shoe. Fig. 2 is a vertical transverse section through one end of the shoe-lace, drawn on a larger scale; and Fig. 3 is a vertical central section of the fringed end, showing the tip exposed.

Similar letters of reference indicate corresponding parts in the several figures.

Referring to the drawings, *a* represents a shoe-lace which is made of silk or other threads and of any suitable width and length. The ends of the lace are provided with metallic tips *b*, which are clenched on the same in the usual manner. At some distance from the tip, back of it, the lace is provided with a number of tufts *d*, which are passed sidewise of each other through the meshes of the lace at *c* and made of sufficient length so as to form a fringe which covers the metallic tip *b*, as shown in the lower part of Fig. 1, the tufts being firmly held together on the lace near their connection with the lace by means of a metallic ferrule *f*, which is clenched around the tufts *d*. The tufts are inserted into the lace by means of bearded needles which are passed through the meshes of the lace, then supplied with a tuft of silk or other suitable fiber, and then drawn back through the meshes, so as to double up the tuft, the threads forming the same being of sufficient length to permit the doubling up.

When the required number of tufts are passed through the meshes of the lace sidewise of each other in the manner described, they are moved in forward direction over the tip of the lace and trimmed uniformly at the ends. The ferrule *f* is then applied to the tufts so as to hold them tightly to the lace near the point of connection with the same. When it is desired to pass the lace through the eyelets of the shoe, the ends of the tufts are pulled backwardly away from the tip, so that the latter can be passed through the eyelets, the backwardly-pulled tufts and slightly-enlarged connection of the tufts with the lace passing readily through the eyelets until the lace is in position on the shoe. The tufts are then pulled in forward direction, so as to cover the exposed tip end and form thereby an ornamental fringe in the same manner as the opposite end of the lace.

The tufts form ornamental fringes at both ends of the lace, cover the metallic tip ends, and improve greatly the appearance of the ends. My improved shoe-lace has the further advantage that the slight enlargement which is formed by the bights of the tufts at their point of connection with the lace prevents the opening of the knot when tying the lace.

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

1. A shoe-lace provided with metal tips, and with tufts passed through the lace immediately back of said tips and of such length as to overhang and conceal the latter.

2. A shoe-lace provided with fringed ends formed of tufts passed through the meshes of the lace near the metallic tip ends and with ferrules for holding the tufts of the fringes between the point of connection with the lace and the tips.

3. A shoe-lace provided with tips at the ends, tufts passed through the meshes of the lace back of the tips and extending beyond the same, and ferrules clenched to the tufts and lace at the point between the tips and the point of connection of the tufts with the lace.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

ADOLPH FINKENSIEPER.

Witnesses:

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HENRY J. SUHRBIER.