(No Model.)

J. C. WILSON.

LACING BEARING.

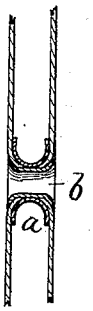
No. 343,975. Patented June 15, 1886.

Fig. 1.

Fig. 2.

Fig. 3.

Fig. 4.



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JOSEPH C. WILSON, OF ROCHESTER, NEW YORK, ASSIGNOR OF ONE-HALF TO ESTHER R. SPENCER, OF SAME PLACE.

LACING-BEARING.

SPECIFICATION forming part of Letters Patent No. 343,975, dated June 15, 1886.

Application filed October 31, 1885. Serial No. 181,463. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH C. WILSON, of the city of Rochester, in the county of Monroe and State of New York, have invented a certain new and useful Improvement in Lacing-Bearings; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the drawings accompanying this application.

My improvement relates to lacing-bearings for corsets, gloves, shoes, and other analogous articles where lacing-cords are used, and is of that kind where the bearing is in the form of a pulley around which the lacing-cord passes, and the bearing is attached to the fabric by means of an eyelet. Heretofore, so far as I am aware, the bearing has been provided with a shouldered shaft, and washers have been used, against which the eyelet is turned to clinch the fabric in place. This is not only expensive and troublesome to make, but washers are objectionable, as they enlarge the size of the bearing and are unsightly.

My invention consists of a cord-bearing in the form of a pulley, and a tubular eyelet capable of being passed through the same and clinched at the ends, to clamp the cloth to the pulley and make the pulley fast in place without the use of washers, as hereinafter set forth.

In the drawings, Figure 1 is a cross-section of the pulley-shaped cord-bearing. Fig. 2 is a similar view of the tubular eyelet. Fig. 3 is a cross-section of the two parts fitted together, and before being clinched. Fig. 4 is a view similar to Fig. 3, but showing the device secured in place to the cloth.

The device is made of two parts, a hollow bearing, *a*, in the form of a pulley, on which the lacing runs, and a tubular eyelet, *b*, which fits in the bearing and forms the attachment therefor. These parts are made separate, as shown.

The device is applied in place as follows: The bearing *a* is placed between the two sides of cloth or other fabric, and the eyelet *b* is then run through from side to side, and is pinched up or clinched at the ends by any suitable instrument, which not only clamps the cloth directly between the eyelet and bearing, without washers or other intervening parts, but also tightens the bearing to the eyelet, so that it is perfectly fast and cannot turn or work loose. The great advantage of this arrangement is its simplicity and cheapness and the great facility by which it is attached in place; also, the fact that it does not swell or enlarge the attachment outward beyond the plane of the cloth, as washers necessarily do. The eyelet is of such length that when the ends are spread, as shown in Fig. 4, the edges come within the rim of the pulley and present a perfectly-rounded surface. By this arrangement all the advantages of the attachment of a common eyelet and the use of a grooved pulley are attained.

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

A lacing-bearing consisting of a bearing in the form of a pulley, and a tubular eyelet capable of being passed through the same and clinched at the ends, to clamp the cloth fast against the pulley and make the pulley fast in place without the use of washers, as hereinbefore set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

JOSEPH C. WILSON.

Witnesses:
E. STARING,
R. F. OSGOOD.