

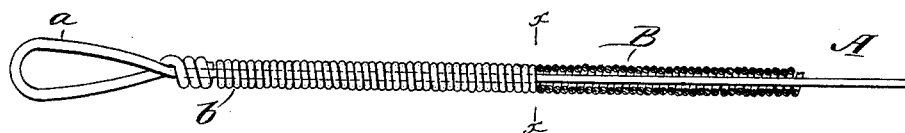
(No Model.)

C. BARLOW.  
CLOTHES LINE.

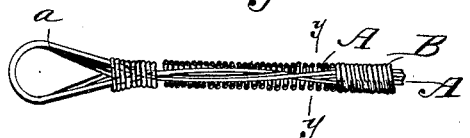
No. 418,937.

Patented Jan. 7, 1890.

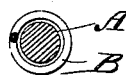
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Fig. 4.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

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## CLOTHES-LINE.

SPECIFICATION forming part of Letters Patent No. 418,937, dated January 7, 1890.

Application filed November 20, 1888. Serial No. 291,355. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES BARLOW, of Cookshire, in the Province of Quebec and Dominion of Canada, have invented a new  
5 and Improved Clothes-Line, of which the following is a full, clear, and exact description.

The invention relates to wire clothes-lines; and the object of the invention is to so improve the construction of lines of this character as to minimize the possibility of the clothes being cut or torn when blown to and  
10 fro in the wind. This object I attain by the construction hereinafter described, and which, stated briefly, comprises a core of wire, either  
15 single or composed of several strands, either straight or twisted, and a spirally-coiled wire around said core, the coil being loose on the core to allow of its turning thereon with the garment as the latter is blown by the wind.

20 Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation, partly in section, of a section of clothes-line embodying  
25 my present improvement. Fig. 2 is a like view of a modification thereof. Fig. 3 is a cross-section on line *xx*, Fig. 1; and Fig. 4 is a cross-section on line *yy*, Fig. 2.

30 In the form shown in Figs. 1 and 3, and which is the preferred form, the core A consists of a single strand of wire, preferably formed at each end with a loop *a*, when the line is made in regular lengths.

The core A is covered by the spirally-wound  
35 wire covering B, which is wound loosely on the core to allow of its turning with the garment when the latter is swung by the wind, whereby the clothes-pin and the portion of the garment immediately clamped by the pin  
40 and the spiral covering will respond to the swinging action of the garment and prevent the latter from being torn at the pin. The turning of the spiral is insured by leaving its ends, as *b*, loose, as shown to the left of Fig. 1.

45 In the form shown in Figs. 2 and 4 the spiral covering B is the same as in the construction illustrated in Figs. 1 and 3; but the core A', instead of being in the form of a single strand, is composed of several strands, which  
50 may be twisted, as shown, or may lie straight, or essentially straight. In either construction the spiral covering is free to turn with the garment and clothes-pin, whereby all strain at the pin is overcome.

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

An improved clothes-line consisting of a metallic core and a spirally-wound covering  
60 of wire turning freely on the said core, substantially as and for the purpose set forth.

CHARLES BARLOW.

Witnesses:

J. I. MACKIE,  
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