H. DOBESCH.

CLOTHES CLIP.

APPLICATION FILED MAR. 16, 1920.

1,418,543. **Patented June 6, 1922.**

Fig. 1

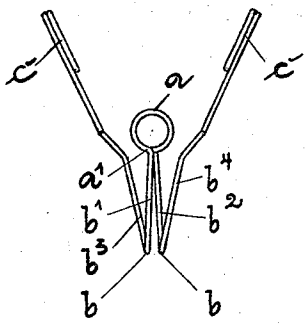


Fig. 2

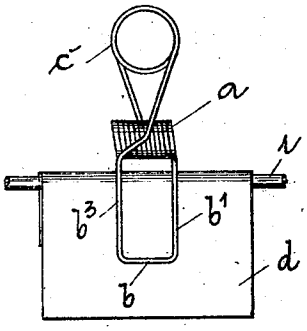


Fig. 4.

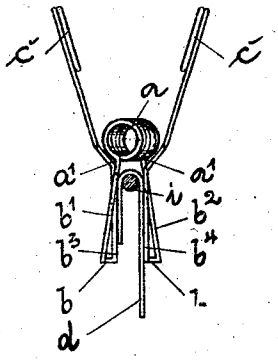


Fig. 3.

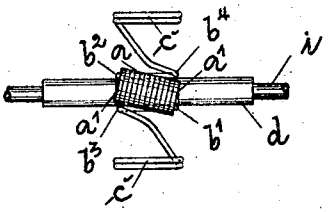
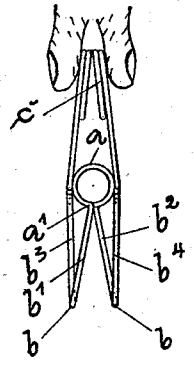


Fig. 5.



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UNITED STATES PATENT OFFICE.

HANS DOBESCH, OF LUDWIGSBURG, WURTTEMBERG, GERMANY.

CLOTHES CLIP.

1,418,543. Specification of Letters Patent. **Patented June 6, 1922.**

Application filed March 16, 1920. Serial No. 366,433.

To all whom it may concern:

Be it known that I, HANS DOBESCH, of Ludwigsburg, Wurttemberg, Germany, a citizen of the German Republic, have invented certain new and useful improvements in Clothes Clips (for which I have filed an application in Germany March 3, 1919), of which the following is a specification.

This invention relates to clothes clips of the class wherein the clip is formed of a single piece of wire which is bent to form a coil with two downwardly directed jaws springing from its ends, and upwardly directed handles joined to the said jaws.

The invention is illustrated in the annexed drawing, in which:

Fig. 1 is an end view of the clip, in its normal undistorted condition.

Figs. 2 3, and 4 are respectively a side view, plan view and end view of the clip in use on a clothes line.

Fig. 5 is an end view, with the handles compressed for opening the jaws.

The clip shown consists of a single piece of suitably resilient wire, a portion of which is bent to form a helical coil *a*. From the ends of this coil at points a^1 vertically below the coil axis, the wire extends downwards, then horizontally, and then upwards again towards the coil, forming two substantially rectangular jaws *b*, having lateral limbs b^1, b^3 and b^2, b^4 respectively. The limbs b^3 and b^4 have upward extensions forming two diverging finger pieces or handles *c* bent into ring shape at the top. The lower parts of these last-mentioned extensions are bent so that for a short distance they will lie alongside the coil *a*, though spaced apart therefrom. The shanks of the handles *c* rise, accordingly, from points near the central transverse plane of the coil.

Fig. 1 shows the clip in its normal condition when not in use. In practice, the divergence of the handles *c* may be less than that shown, the shanks of the handles being close to the coil *a*. The jaws in this condition lie closely side by side, the limbs b^1 and b^3 being exactly opposite the limbs b^2 and b^4. By pressing together the two handles *c*, as shown in Fig. 4, the shanks of the handles are pressed against the sides of the coil *a* and the jaws are opened, so that the clip can, for example, be engaged with a cloth *d* upon a line *i*, as shown in Fig. 2. Upon release of the handles the same spring apart and the jaws are closed, tightly gripping the cloth where it rests on the line, as shown in Fig. 4. As the limbs b^1 and b^2 joining the jaws to the coil spring from opposite ends of the coil, at points vertically below the coil axis, the clip acquires a twist when placed on the line *i*, the axis of the coil being somewhat aslant, as shown in Figs. 3 and 4. The distortion thus imparted ensures an adequate grip of the article on the line, however thin the same may be.

What I claim as my invention and desire to secure by Letters Patent of the United States is:—

A clothes clip formed of a single piece of wire, comprising a helical coil, two jaws joined to opposite ends of said coil, each comprising a downwardly directed limb springing from one of the terminal convolutions of said coil at a point vertically below the coil axis, a horizontal limb, substantially parallel with the coil axis terminating below the other terminal convolution; and a limb bent upwards from said horizontal limb, said upwardly bent limbs terminating at opposite sides of the coil, and two handles joined to said upwardly bent limbs respectively, each of said handles having a shank extending alongside said coil from a point near one end thereof to a point near its middle, and bent upwards from the last mentioned point, said handles diverging from each other above the coil and their shanks alongside the coil being adapted to serve as fulcra enabling the jaws to be bent apart by means of said handles.

In witness whereof I have signed this specification in the presence of two witnesses.

HANS DOBESCH.

Witnesses:

FREDERICK R. KENKE,

FREDERICK KLEIN.