A. WILD.

CLOTHES PIN.

APPLICATION FILED JUNE 12, 1914.

1,134,710.

Patented Apr. 6, 1915.

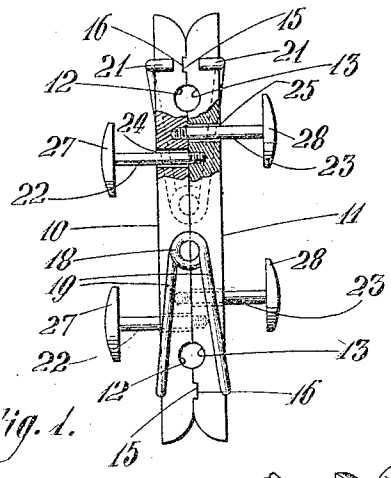


Fig. 1.

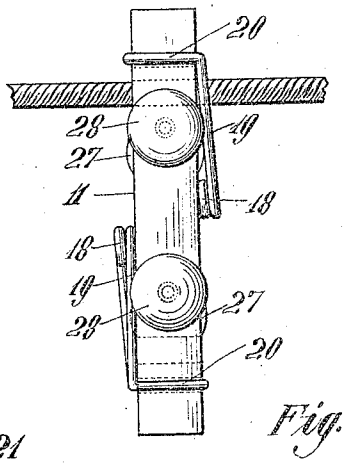


Fig. 2.

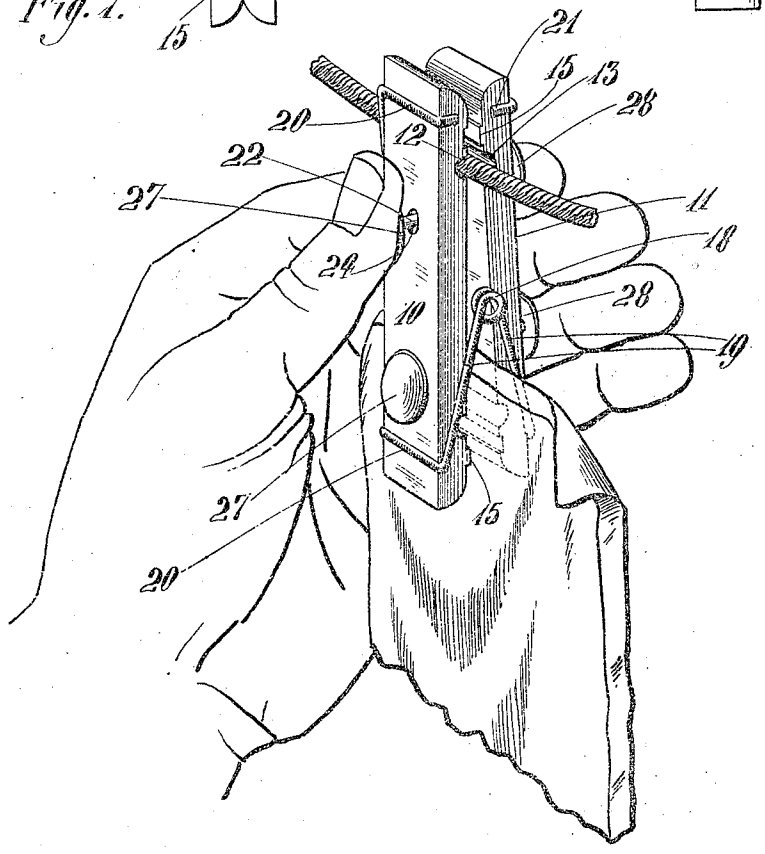


Fig. 3.

Witnesses:
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UNITED STATES PATENT OFFICE.

ADOLF WILD, OF CORONA, NEW YORK.

CLOTHES-PIN.

1,134,710. Specification of Letters Patent. Patented Apr. 6, 1915.

Application filed June 12, 1914. Serial No. 844,608.

To all whom it may concern:

Be it known that I, ADOLF WILD, a citizen of the United States, and a resident of Corona, Long Island, in the county of Queens and State of New York, have invented certain new and useful Improvements in Clothes-Pins, of which the following is a specification.

This invention relates to spring compression clamps and particularly to such as are used for securing articles of textile fabric to an extended cord or line, as in airing or drying clothes.

The objects of the invention are, first, to provide a device which may be independently attached to the articles and afterward engaged with the cord, or applied to the cord before engaging with the article. Second, to provide means whereby either end may be released independently of the other, said means being operated by pressure applied by the fingers of an operator. These and other objects, such as simplicity and cheapness of construction, effectiveness and ease of operation, are attained by the novel combination of parts hereinafter described and shown in the accompanying drawings, forming part of this specification, and in which:

Figure 1 is a side elevation of the clamp, partially in section. Fig. 2 is a front view of the same, and, Fig. 3 is a perspective view ilustrating its application.

The clamp consists of two companion or side members 10 and 11 which are in all respects formed in duplicate for economy of manufacture and ease of assembly. On the inner, adjacent faces, near the ends, semicircular, lateral grooves 12 and 13 are formed, the same being of a size suitable for engagement with an ordinary cord. Outwardly beyond these grooves, which are formed alike in both members, a tongue 15 is formed on each member at one end only and a corresponding slot 16 made in the opposite end in register with the tongue so as to interengage therewith when the two members are in contact and prevent longitudinal displacement.

The ends of both members are preferably curved as indicated or beveled, the shape being such as to materially aid in applying the device at either end to any object, the clamp being fully reversible.

Upon opposite sides of the clamp members are compression springs, each consisting of a coil 18, from which extend divergent arms 19, turned at an angle 20, so as to embrace the outside of the members and bent at their extremities 21, in such manner as to clasp the clamp members. In order to hold the springs securely in position it is considered preferable to partially embed the arms and their ends in the material of the clamp members and near each end as shown.

To release or open the clamp, studs or pins 22 and 23, are secured in the members 10 and 11, respectively, where, passing freely out through openings 24 and 25 in the adjacent members, they are provided with button heads or pads 27 and 28.

In operation, the articles, as wet laundry goods, blue prints, paper, photographs, etc., may have the clamps applied and afterward be taken to the cord or line and suspended on it. When it is desired to loosen or release either end of the clamp in applying or removing the same, it is only necessary to press the pads inwardly toward each other, thereby freeing that end from whatever it may be engaged.

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

1. A clamp comprising two co-acting rigid members having engaging surfaces at each end thereof adapted to engage a cord, means for maintaining said members in longitudinal adjustment and independent constraining means at each end, said constraining means being separately applied on opposite sides of the clamp.

2. A clamp comprising two co-acting duplicate members each having a single tongue at one end and a corresponding slot at the other, said members being so engaged that the tongue of one member normally enters the slot of the other member, independent constraining means near the ends thereof, portions of said constraining means embracing both of said members, and pairs of opening means opposable to each of said constraining means also holding said members in register.

3. A clamp comprising a single pair of double ended co-acting members each having interior engaging surfaces, spring elements adapted to exert a compressive effect near each end of said members and arranged upon opposite sides thereof, and independent manually operated spreading means arranged in pairs, said spreading

means also operating to retain said members in lateral and longitudinal adjustment.

4. A reversible clamp comprising two members of identical contour engaged in reverse relation, the adjacent surfaces near their ends being adapted to co-actingly engage with objects entered therebetween, a separate constraining means embracing said members at each end, upon all four sides and means for disengaging either end from an object without disengaging the other end.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ADOLF WILD.

Witnesses:
WARREN E. WILLIS,
O. C. STACKHOUSE.