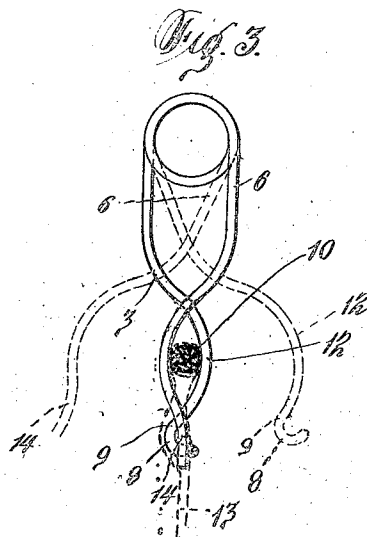
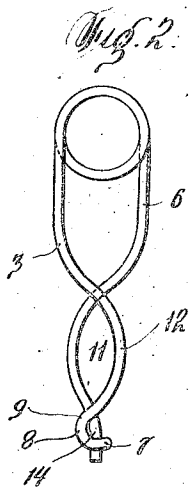
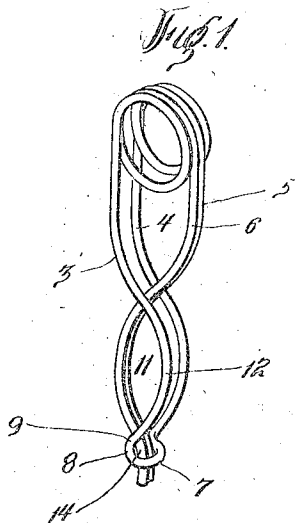


G. S. POLLOCK.
CLOTHES PIN.
APPLICATION FILED JULY 23, 1909.

958,532.

Patented May 17, 1910.



Witnesses

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UNITED STATES PATENT OFFICE.

GRANT S. POLLOCK, OF PITTSBURG, PENNSYLVANIA.

CLOTHES-PIN.

958,532.

Specification of Letters Patent.

Patented May 17, 1910.

Application filed July 23, 1909. Serial No. 509,122.

To all whom it may concern:

Be it known that I, GRANT S. POLLOCK, a citizen of the United States of America, residing at North Side, Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Clothes-Pins, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to clothes pins of that class made of spring wire, and the object thereof is to provide in the manner as hereinafter set forth a wire clothes pin having as an integral part thereof a pair of inter-engaging spring clamps automatically movable to clamping position when released whereby the clothes or other objects upon the line or other support will be securely fixed thereto.

20 Further objects of the invention are to provide in a manner as hereinafter set forth a wire clothes pin which shall be simple in its construction, strong, durable, efficient in its use, inexpensive to manufacture, and conveniently used.

25 With the foregoing and other objects in view the invention consists of the novel construction, combination and arrangement of parts hereinafter more specifically described and illustrated in the accompanying drawing, wherein is shown the preferred embodiment of the invention, but it is to be understood that changes, variations, and modifications can be resorted to which fall within the scope of the claims hereunto appended.

30 In the drawings wherein like reference characters denote corresponding parts throughout the several views, and in which, Figure 1 is a perspective view of a clothes pin in accordance with this invention, Fig. 2 is a side elevation, and Fig. 3 is a similar view showing in full lines the clamps in operative position and in dotted lines in inoperative position.

35 The clothes pin in accordance with this invention is formed from a single length of spring wire which is bent upon itself to provide a spring loop and a pair of duplex clamping arms. The members of one duplex clamping arm are indicated by the reference characters 3, 4 and the members of the other duplex clamping arm are indicated by the reference characters 5, 6. The members 3, 4 are connected together at their lower ends by a semi-circular coupling-piece 7 which terminates in a vertically-disposed semi-

circular extension 8 which merges as at 9 in the ends of the members 3, 4. The coupling piece 7 is disposed at right angles with respect to the extensions. The members 5, 6 of the other duplex clamping arm are disconnected at their lower ends and the said members 5, 6 abut against each other and extend between the members 3, 4 of the other duplex arm. Each of the duplex arms is formed upon an ogee curve and at their top terminate in the spring loop 1. The lower portion of the members 5, 6 when the pin is in its operative position extends within and engages the semi-circular coupling-piece 7.

40 The reference character 10 denotes a clothes line which when the pin is in an operative position extends through the opening 11 formed between the curved portions 12 of the duplex arms when the said arms inter-engage in the manner as shown in Fig. 1. The clothes which are indicated by the reference character 13 are adapted to be clamped upon the line by the curved portions 12, the lower portion 14 of the members 5, 6, the coupling-piece 7, and the extension 8, as clearly shown in Fig. 3, and when the pin is in the position as shown in Fig. 3 the clothes are securely clamped to the line by the pin.

45 When it is desired to release the clothes from the line 10 the lower portions of the duplex arms are spread apart or pulled apart in the manner as indicated by the dotted line in Fig. 3 and the pin can then be removed from the line thereby releasing the clothes.

50 By providing the spring loop 1 in the manner as shown the clamping arms when released, that is to say, if they have been pulled apart, will automatically return to clamping position and engage the clothes and the line, so as to securely retain the clothes upon the line. The clamping arms not only secure the clothes in position but further constitute a means for maintaining the pin in upright position.

What I claim is:

55 A clothes pin comprising a single length of wire bent upon itself to provide a spring loop terminating in a pair of clamping members of ogee curvature oppositely-disposed with respect to each other, each of said members consisting of a pair of arms, the arms of one of said members crossing at three points and depending below the arms of the other of said members, and said arms

and said members providing a passage for the line between the two upper crossing points, said shorter member having each of its arms terminating at its lower end in a
5 vertically-disposed semi-circular extension, one arranged in parallelism with the other and both extending in vertical planes to one side of a vertical plane extending through the center of the pin, said extensions at their
10 lower ends terminating in a semi-circular coupling member disposed in a plane at

right angles with respect to said vertical extensions and surrounding and constituting a stop for the lower ends of the arms of the elongated member, said members adapted to
15 clamp a line in said passage.

In testimony whereof I affix my signature in the presence of two witnesses.

GRANT S. POLLOCK.

Witnesses:

MAX H. SROLOVITZ,

A. T. PAYNE.