Jan. 15, 1929. 1,699,037

S. WHITMORE

CLOTHESPIN

Filed April 30, 1927

Fig. 1.

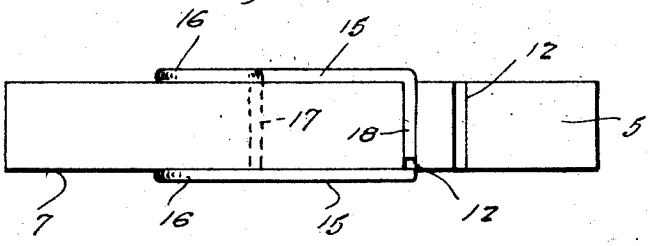


Fig. 2.

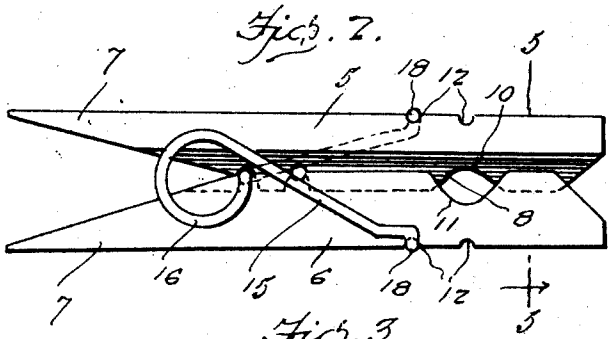


Fig. 3.

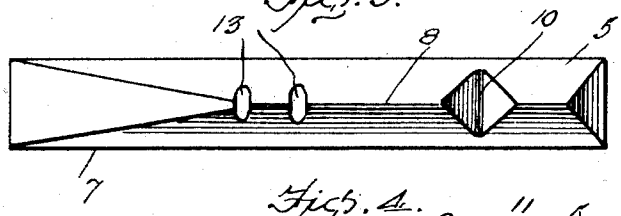


Fig. 4.

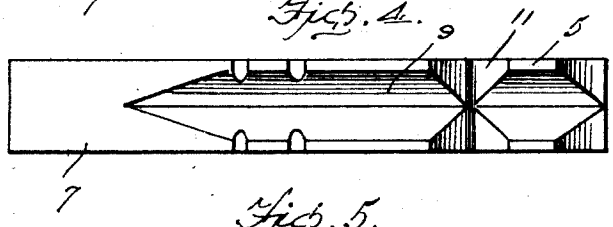
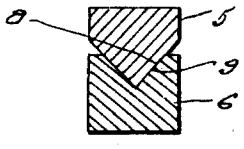


Fig. 5.



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UNITED STATES PATENT OFFICE.

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CLOTHESPIN.

Application filed April 30, 1927. Serial No. 187,915.

The present invention relates to a clothespin embodying a pair of jaws normally held in a closed position by means of a spring and the object of the invention lies in the provision of a tongue and groove connection between the jaws so as to prevent lateral movement of one in relation to the other thereby providing a more reliable and efficient structure than in the usual well known clothespin of this nature.

Another very important object of the invention lies in the provision of a clothespin of this nature which is simple in its construction, inexpensive to construct, strong and durable, and otherwise well adapted to the purpose for which it is desired.

With the above and numerous other objects in view as will appear as the description proceeds, the invention resides in certain novel features of construction, and in the combination and arrangements of parts as will be hereinafter more fully described and claimed.

In the drawings:

Figure 1 is a plan view of the clothespin embodying the features of my invention,

Figure 2 is a side elevation thereof,

Figure 3 is a plan view of one section of the clothespin,

Figure 4 is a plan view of the other section of the clothespin,

Figure 5 is a sectional view taken transversely through the device substantially on the line 5—5 of Figure 2.

Referring to the drawing in detail, it will be seen that the numeral 5 denotes one body structure and the numeral 6 the other body section. These jaw bodies 5 and 6 are of elongated construction and have ends 7 tapered or bevelled on their inner surfaces as is the common practice with clothespins of this nature. My improvement resides in the provision of a tongue or rib 8 along the abutting face of the section 5 longitudinally thereof and in the provision of a longitudinally extending groove 9 in the abutting face of the section 6 to receive the tongue 8. This tongue and groove structure is preferably V-shaped as is clearly shown in Figure 5. Notches 10 and 11 are formed on the abutting faces of the sections 5 and 6 to receive the clothesline in the well known manner. A pair of notches 12 are provided on the outer face of each section 5, 6, and a pair of notches 13 are provided on the abutting face of each section 5, 6. A spring formed of a single strand of wire is bent so as to include a pair of spaced angularly disposed arms 15 terminating at adjacent edges in convolutes 16 the terminals of which are connected by a portion 17 disposed in one of the grooves 13. The other ends of the arms 15 terminate in inwardly laterally disposed extensions 18 adapted to be received in one of the notches 12. Thus the spring may be adjusted so as to make the same more or less effective as may be desired.

From the above detailed description it will be seen that I have devised a very simple clothespin wherein lateral movement of the jaw sections in relation to each other is positively prevented. The structure is thoroughly efficient and reliable in use, easy to handle, and otherwise well adapted to the purpose for which it is designed.

The present embodiment of the invention has been described in detail since in actual practice it attains the features of advantage enumerated as desirable in the statement of the invention and the above description. It will be apparent, however, that changes in the details of construction, in the sizes, in the materials, and in the combination and arrangement of parts may be resorted to without departing from the spirit or scope of the invention as hereinafter claimed or sacrificing any of its advantages.

Having thus described my invention, what I claim as new is:—

1. A clothespin of the class described comprising a pair of jaw body sections, spring means normally holding the sections in abutting relation throughout the major portions of their lengths, and a tongue and groove formation between the sections extending longitudinally completely throughout said major portions, said tongue and groove formations being provided with a transverse passage through which extends a portion of said spring means, said spring means having side arms engaging outer edges of the sections.

2. A clothespin of the class described comprising a pair of jaw body sections, spring means normally holding the sections in abutting relation throughout the major portions of their lengths, and a tongue and groove formation between the sections extending longitudinally completely through-

out said major portions, said tongue and groove formations being provided with a transverse passage through which extends a portion of said spring means, said spring means having side arms engaging outer edges of the sections, said sections at one end being provided with beveled portions forming handles which may be pressed toward each other to open the tongue and groove formation.

In testimony whereof I affix my signature.

SAMUEL WHITMORE.