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1,542,208

G. C. BERGER

CLOTHESPIN

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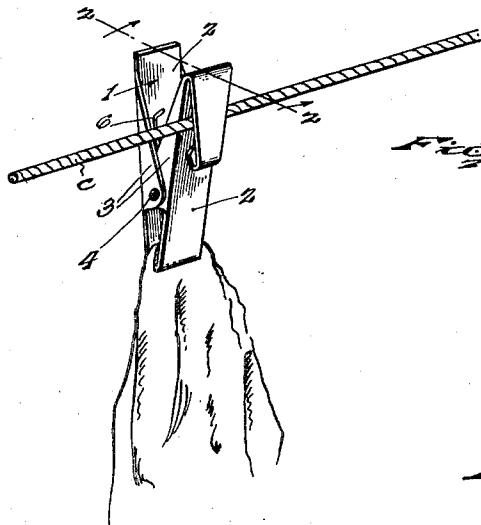


Fig. 1.

Fig. 2.

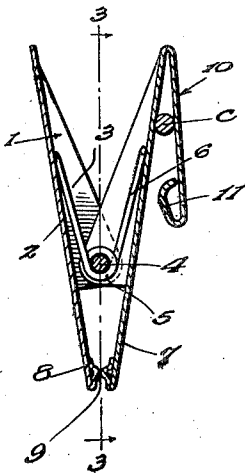
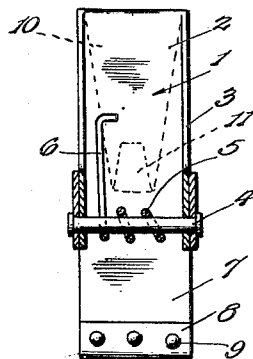


Fig. 3.



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GEORGE C. BERGER, OF FOSSTON, MINNESOTA.

CLOTHESPIN.

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To all whom it may concern:

Be it known, that I, GEORGE C. BERGER, a citizen of the United States, residing at Fosston, in the county of Polk and State of Minnesota, have invented certain new and useful Improvements in Clothespins, of which the following is a specification.

This invention relates to clothes pins and has as its primary object to provide a pin which may be applied to the washed article, indoors, and the articles, if desired, connected by the pins in a series, the pins being provided with means whereby they may be readily engaged with the clothes line, so that in the winter months one is not required to remain outdoors a considerable length of time and apply the pins to the washed articles and to the clothes line, at the same time as is now necessary. Likewise the invention contemplates a clothes pin so constructed that the same may be instantly disengaged from the clothes line and yet remain connected with the article of clothing, so that one can in a few moments time take in a considerable wash from the line and is, as before, not required to remain outdoors for any considerable period of time and be subjected to the cold.

In the accompanying drawing:

Figure 1 is a perspective view illustrating the clothes pin embodying the invention hung upon the line and engaged with an article to be suspended;

Figure 2 is a vertical sectional view through the pin substantially on the line 2-2 of Figure 1 looking in the direction indicated by the arrows, the clothes line being likewise shown in section;

Figure 3 is a vertical transverse section taken substantially on the line 3-3 of Figure 2 looking in the direction indicated by the arrows.

The clothes pin embodying the invention is made of metal and comprises two clamping members indicated in general by the numeral 1, these members being of counterpart construction and each comprising a flat body portion 2 provided at its margin with flanges 3 which project from the plane of the body portion 2 and which are so arranged that the flanges of one of the clamping members will engage between the flanges of the other clamping member, a pivot pin 4 being secured through the overlapping portions of the flanges and serving to pivotally connect the clamping members 1. A

spring 5 is coiled about the pin 4 and is provided with terminal finger portions 6 which extend upwardly in diverging relation and bear against the inner faces of the body members 2 and exert pressure in an outward direction against the said body portions at points above the pivot pin 4, thus yieldably holding the lower ends of the body portions in mutual engagement so that these lower end portions constitute clamping jaws indicated by the numeral 7. In order that there may be a sufficiently roughened surface provided at the contacting portions of the jaws 7 without however incurring any liability of injury to the clothing engaged by the jaws, the lower ends of the body portions 2 are folded back upon themselves in an inward direction to provide transverse face portions 8 which are indented from their inner sides so as to provide projecting relatively blunt spurs or protuberances 9. At this point it will be evident that an article of clothing may be readily engaged between the jaws 7 by pressing the upper ends of the body portions 2 of the clamping members toward each other to relatively separate the lower ends of the said body portions, and that when pressure is released, the spring 5 will close the jaws 7 and thus firmly grip the article of clothing.

In order that the clothes pin embodying the invention may be adapted for instant application to and removal from a clothes line without in any way disturbing the connection of the pin with the article of clothing to be suspended from the line, a suspension finger indicated by the numeral 10, is provided. This finger constitutes an extension of the upper end of the body portion 2 of one of the jaw members 1 and the extended portion of the said body portion is overturned so that the finger extends downwardly in diverging relation to the said body portion of the clamping jaw of which it constitutes a part. The finger is likewise preferably decreased in width from its upper to its lower end and its lower end portion is turned upwardly and inwardly and thence in the direction of the inner face of the finger so as to provide a rounded abutment 11 which is presented toward the outer face of the body portion 2 of the said jaw member. By reference to the drawing and particularly Figures 1 and 2 thereof, it will be evident that the clothes pin embodying the invention may be instantly engaged with

and disengaged from the clothes line which is indicated by the reference letter C, and that this engagement and disengagement does not in any way affect the engagement of the pin with the article of clothing to be suspended from the line. It will also be understood that any number of articles of clothing may be connected together in a series by applying the required number of pins thereto and that this may be done indoors, the articles of clothing being placed in a basket, and, after they have all been connected together, the basket may be carried outdoors and the pins successively engaged with the clothes line, thereby suspending all of the articles in a most convenient and expeditious manner.

Having thus described the invention, what is claimed as new is:

1. A clothes pin comprising coacting gripping members pivotally connected with each other, means yieldably urging the members into contact with each other at their lower

portions, the lower portion of each member being bent back upon itself to provide a rounded shoulder and being provided in its back-bent portion with indentations providing gripping protuberances.

2. A clothes pin comprising coacting gripping members, and a line-engaging finger extending downwardly from the upper end of one of said members and of metal, the said finger having its lower portion bent inwardly in the direction of the member by which the finger is carried, thence upwardly and finally in the direction of the inner side of the finger, the first mentioned bend constituting a rounded shoulder for guiding the clothes-line into the space between the finger and the said member, and the last mentioned bend constituting an abutment to prevent accidental disengagement of the line from said space.

In testimony whereof I affix my signature.

GEORGE C. BERGER. [L. s.]