

No. 727,970.

PATENTED MAY 12, 1903.

H. KERNGOOD.  
GARMENT HOOK.  
APPLICATION FILED DEC. 8, 1902.

NO MODEL.

Fig. 1.

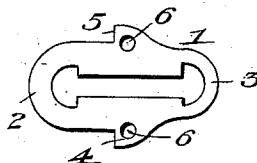


Fig. 2.

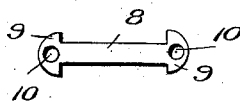
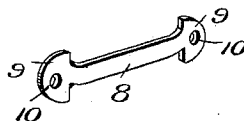


Fig. 3.



Fig. 4.



Witnesses

*John J. Nelligan*

Inventor  
*Herman Kerngood*  
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# UNITED STATES PATENT OFFICE.

HERMAN KERNGOOD, OF BALTIMORE, MARYLAND, ASSIGNOR TO THE  
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## GARMENT-HOOK.

SPECIFICATION forming part of Letters Patent No. 727,970, dated May 12, 1903.

Application filed December 8, 1902. Serial No. 134,445. (No model.)

*To all whom it may concern:*

Be it known that I, HERMAN KERNGOOD, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Garment-Hooks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

My invention relates to garment-fasteners and to processes of manufacturing the same; and the object of said invention is to provide a hook member having a bar or eye member cut from within the blank from which the hook member is produced.

In the manufacture of trouser-waistband hooks and eyes or bars there has been a considerable waste of sheet metal owing to the fact that the hook member is usually of skeleton form and the metal cut away from the blank to form the hook has gone to waste. By means of my invention the material which has heretofore been cut away to form the skeleton hook is utilized to form the bar member or eye for the hook, thus saving both in material and labor in producing garment-fasteners of this character.

In the accompanying drawings, which form part of this specification, Figure 1 is a plan view of a blank for the hook member of the fastener. Fig. 2 is a plan view of the bar or eye member of the fastener. Fig. 3 is a perspective view of the hook member after the bill has been bent parallel to the body portion of the hook. Fig. 4 is a similar view of the bar member after the bar or catch has been bent to a plane parallel to the feet or fastening ends.

Referring to Figs. 1 and 2, the numeral 1 designates a blank cut from sheet metal and provided with rounded ends 2 and 3 and

shoulders 4 and 5, projecting laterally from the blank at a point about central to the blank. Thread-holes 6 6 are formed in the blank near the shoulders. In order that the hook shall be of skeleton form and that the material to be cut away shall be utilized to form the bar member, the central portion 7 is cut, as shown in Fig. 1, to remove the bar 8. (Shown in Fig. 2.) This bar 8 is provided with feet 9, having thread-holes 10.

In the process of producing my hook and bar the blank (shown in Fig. 1) is cut or struck up from the strip or piece of sheet metal of the required gage, and the bar 8 is cut out wholly from within the blank and bent by the same operation to the shape shown in Fig. 4. The rounded end 2 of the hook is then bent parallel with the body portion of the hook, as shown in Fig. 3, and the two members of the garment-fastener are completed.

From the foregoing it will be obvious that considerable saving of metal results from my mode of cutting and stamping up the blank, and at the same time considerable labor is saved, since there is but one movement of a die necessary to cut out the blank for the hook and both cut and strike up the bar from within the blank for the hook member.

Having thus fully described my invention, what I claim is—

1. In a hook-and-bar fastener for garments, a hook member having a bar cut wholly from within the blank which forms said hook, substantially as described.

2. A hook-and-bar-member fastener for garments, consisting of a hook member cut from sheet metal and having the bar member cut wholly from within the body of the hook member, substantially as described.

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

HERMAN KERNGOOD.

Witnesses:

E. WALTON BREWINGTON,  
ROBERT C. RHODES.