

B. H. MARCUS.
 HOOK OR EYE.
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1,379,872.

Patented May 31, 1921.

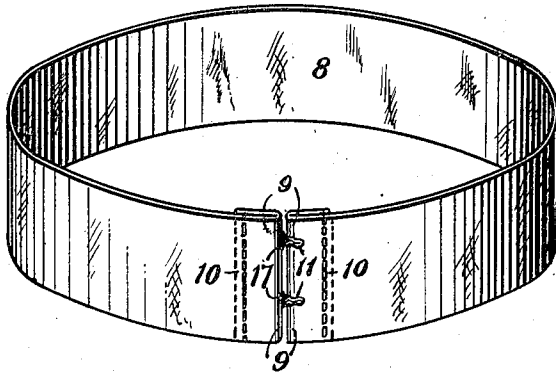


Fig. 1

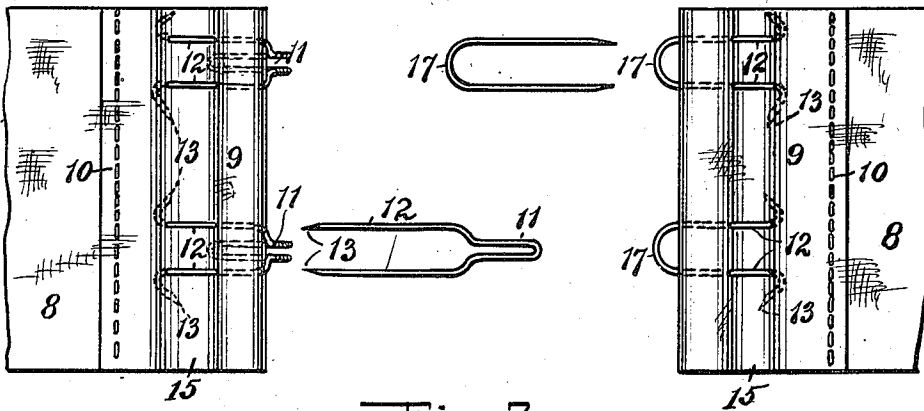


Fig. 2

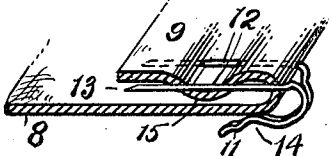


Fig. 3

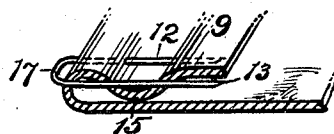
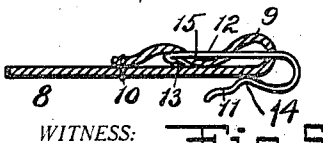


Fig. 4



WITNESS:

Fig. 5

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Fig. 6

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HOOK OR EYE.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, BENJAMIN H. MARCUS, a citizen of the United States, and resident of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Hooks or Eyes, of which the following is a specification.

This invention relates essentially to a hook or eye which is particularly adapted for mounting to the hemmed ends of a belt or other article where two ends need fastening together.

The invention is designed to provide a simple and efficient device with shank portions made to engage the inner portion of the hem and thus fasten the hook or eye to the article.

The object of the invention is to provide a device formed of a single length of resilient wire with shanks suitable for insertion into the folded ends of a belt or garment and fastened by clenching the ends of the shanks.

Another object of the invention is to equip the hook or eye with long shanks or prongs so that when inserted into the pliable ends of the belt it will stiffen the material so that a firm grip or hold can be had on the belt in hooking or unhooking the same.

The novel features are more fully described in the following specification and claims and illustrated in the accompanying drawing in which:—

Figure 1 shows a perspective view showing the hook and eye applied to a belt.

Fig. 2 is an inner view of the belt on a larger scale showing the hook and eye before and after mounting.

Fig. 3 is a perspective view showing the hook inserted in the fabric, before the hem is sewn.

Fig. 4 is a similar view of the eye.

Fig. 5 is a view like Fig. 3 showing the hem sewn.

Fig. 6 is a view like Fig. 4 showing the hem sewn.

In the drawing is shown a belt 8 having doubled ends 9 each end being sewn at 10 to form a hem. A hook 11 includes a pair of parallel shank members 12 provided with pointed terminals 13 for insertion into the hem. The hook is secured to the hem by bending the terminals outwardly as indicated in Fig. 2.

The hook is formed by looping a length

of resilient wire as indicated in Fig. 2, then contracting the looped end, and bending the contracted portions to set over and parallel with the shanks. A channel 14 is located in the narrow portion of the hook.

When it is desired to fasten the hook to the belt the end of the fabric is turned over as indicated in Fig. 3, and a furrow or depression 15 is formed in the turned flap of the fabric. The pointed ends of the shanks are then forced through the apex of the fold and the side walls of the furrow, until they project into the fold. The terminals can then be bent to diverge from the shanks thus preventing the hook from being pulled out. The end of the flap is then sewn as shown at 10 in Fig. 5 to the body of the belt. When the hem is closed the terminals of the shanks are entirely hidden or covered in the fold, and by their engagement with the fabric will hold the hook rigidly in place.

An eye 17 for connection with the hook is shown in Figs. 2, 4 and 6. It is made of wire bent to form a U and it is secured in the hem or pocket in substantially the same way described above relative to the hook. The hook or eye can be secured to any strip of material with a hemmed end and the strips can be sewn to any garment. When the hook is engaged by the eye the channels in the hook prevent accidental withdrawal of the eye. By having the depressions in the fabric the shanks are forced into the doubled and depressed portions of the fabric in a substantially rectilinear line.

I claim:—

1. In a device of the kind described the combination with a hemmed article having a depression, of a hook or eye member having shank portions inserted into the hem through the walls of the depression, and means for fastening the ends of the shanks in the hem.

2. In a device of the kind described the combination with a hemmed article having a depression, of a hook or eye member having shank portions inserted into the apex of the hem through the walls of the depression, and means for fastening the shanks in the hem.

3. In a device of the kind described the combination with a hemmed article having a depression in the turned flap of the hem, of a hook or eye member having a pair of parallel shanks for insertion into the end

of the hem through the side walls of the depression, said shanks being bent at the ends to engage the inner portions of the hem.

- 5 4. In a device of the kind described the combination with a hemmed article having a depression in the turned flap of the hem, of a hook or eye member having a pair of parallel shanks with pointed ends for in-
10 sertion into the end of the hem through the side walls of the depression, said shanks being bent outwardly at the ends to engage the inner portion of the hem.

5. In a device of the kind described the combination with a hemmed article, of a 15 hook member having a pair of parallel shanks for insertion into the end of the hem, said shanks being bent outwardly at the ends to engage the inner portion of the hem, said hook having members with chan- 20 nels to coast with the outer side of the material.

Signed at New York in the county of New York and State of New York this 21st day of April A. D. 1919.

BENJAMIN H. MARCUS.