

(No Model.)

C. A. BRYANT.
HOOK AND EYE.

No. 487,209.

Patented Nov. 29, 1892.

Fig. 1.

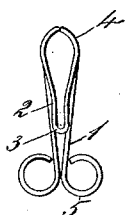


Fig. 2.

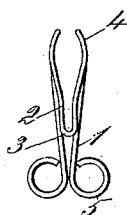
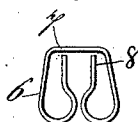


Fig. 3.



WITNESSES:

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HOOK AND EYE.

SPECIFICATION forming part of Letters Patent No. 487,209, dated November 29, 1892.

Application filed May 25, 1892. Serial No. 434,317. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. BRYANT, a citizen of the United States, residing at Wakefield, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Hooks and Eyes, of which the following is a specification.

My invention relates especially to devices employed for securing parts of garments together, and has for its object the provision of a hook and eye whereby accidental separation is prevented.

To attain the desired end, my invention consists, essentially in, certain novel and useful combinations or arrangements of parts and peculiarities of construction and operation, all of which will be hereinafter first fully described, and then pointed out in the claim.

In the drawings, Figure 1 is a plan view of my improved hook, and Fig. 2 is a slightly-modified form thereof. Fig. 3 is plan view of the eye.

Similar numerals of reference, wherever they occur, indicate corresponding parts in all the figures.

The hook 1 is formed of a continuous piece of wire, having a wedge-shaped portion 2 flaring as the wires pass inward from the point 3 until the return-bends are reached, when the wires are bent inward and then outward, as at 4, and are carried back beneath the wedge-shaped portion 2 and terminate in

attaching-loops 5. In the hook shown in Fig. 1 the bends 4 are brought closely together; but in Fig. 2 said bends do not touch, the amount of elasticity obtained by the latter construction being greater than by the first, whereas both constructions embody my invention.

The spring-eye 6, arranged to engage with the above-described hooks, is formed of a continuous piece of wire, the free ends 8 whereof abut against a straight cross-piece 7. All of the bends are on the same plane, thus permitting the construction of an eye of no greater thickness than the wire employed therein.

Having now fully described my invention, what I claim as new therein, and desire to secure by Letters Patent, is—

In a self-retaining hook and eye, a hook having a wedge-shaped portion 2, outward bends 4, and attaching-loops 5, in combination with the spring-eye 6, having the cross-piece 7 for engagement by the hook, suitable attaching-loops, and free-spring ends 8 inside the eye, abutting against said cross-piece and adapted to press inward toward the sides of the hook when the latter is in engagement with said cross-piece, substantially as set forth.

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Witnesses:

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