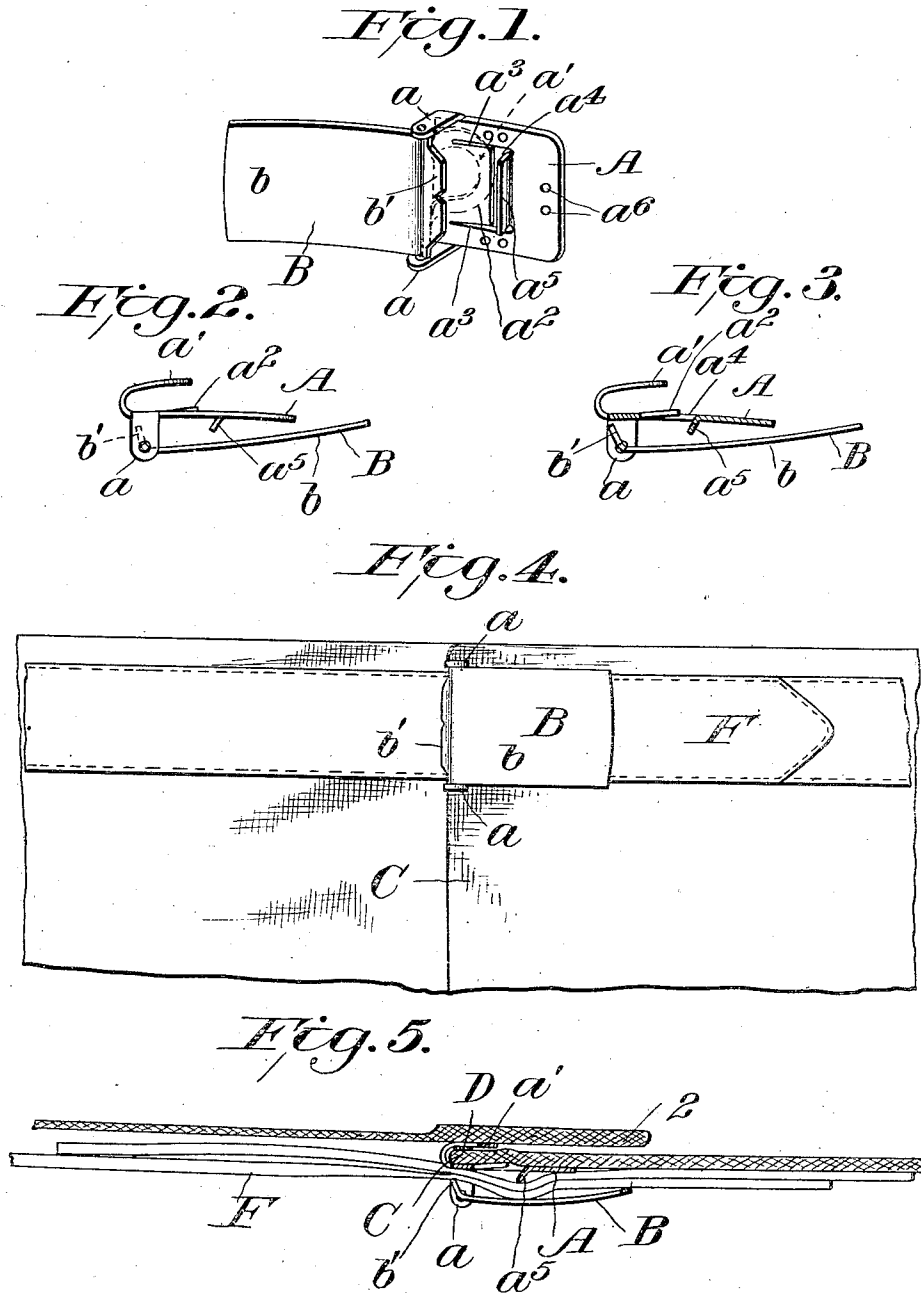


I. ROD.
COMBINATION BUCKLE AND HOOK.
APPLICATION FILED JAN. 16, 1913.

1,062,798.

Patented May 27, 1913.



WITNESSES

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COMBINATION BUCKLE AND HOOK.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ISAAC ROD, a subject of the Empire of Austria-Hungary, residing at Philadelphia, county of Philadelphia, and State of Pennsylvania, have invented certain new and useful Improvements in Combination Buckles and Hooks, of which the following is a full, clear, and exact specification.

This invention relates to buckles and has for its object to provide a combination buckle and hook especially designed for use on men's trousers for securing the upper edge of the outer flap or fly and for also fastening the ends of a belt in proper position.

Further objects are to provide an easier and less destructive grip of the buckle upon the belt, and a firmer fastening for the hook.

The invention will be first hereinafter described in connection with the accompanying drawings, which constitute a part of this specification, and then set forth with more particularity in the claims at the end of the description.

In the drawings, in which the same reference characters are used throughout to designate similar parts, Figure 1 is a perspective view of the buckle alone, the same being shown in its opened position, to clearly disclose the resilient tongue on the base plate; Fig. 2 is an edge view of the buckle closed; Fig. 3 is a longitudinal section taken on a line coinciding with the slit at one side of the resilient tongue, and looking toward said tongue; Fig. 4 is a front elevation of the upper part of a pair of trousers equipped with one of my combination buckles and hooks, the ends of a belt being shown secured by the buckle, and Fig. 5 is a central longitudinal section of the buckle as shown in Fig. 4, the garment and belt material being also illustrated.

The buckle, as here illustrated, consists of a base-plate A, and a clamping member B pivoted between outwardly projecting lugs a on the base plate. Said lugs are arranged at or near one end of the base plate, and from the same end thereof the hook a' extends, the latter being bent back upon the base plate, as shown so that it lies in a plane slightly inclined to the plane of said base plate, with the free end of the hook standing farther away.

From the body of the base plate, a tongue a^2 is cut by suitable longitudinal slits a^3 and

a transverse slit a^4 . Said tongue extends longitudinally of the base-plate, its attached end being arranged between the pivot lugs a , and its free end terminating substantially opposite the end of the hook a' . The tongue is bent slightly backward out of the plane of the base plate, so as to lie in a plane substantially parallel to the flat slightly inclined portion of the hook. The base plate is further provided with an outstanding lip or rib a^5 , preferably formed by continuing the longitudinal slits a^3 beyond the free end of the tongue and bending out the portion of the metal lying between said slit extensions. This lip or rib is inclined slightly toward the hook carrying end of the base plate.

The clamping member B comprises a handle or operating portion b and a clamp b' the latter being bent inwardly at the end of the handle portion between the pivot lugs, as usual. The handle or operating portion may be slightly curved longitudinally and made of a plain piece of metal having its outer surface polished so as to present a neat and pleasing appearance, but the shape and design of this part may be changed as desired without departing from my invention.

The buckle may be attached to the garment in any suitable manner, as by sewing thread passed through perforations a^6 in the base plate. The hook a' overlaps the edge of the flap of fly C in the usual manner, and said hook is adapted to engage the usual metal strap D fastened to the under flap 2 of the garment as illustrated in Fig. 5. Owing to the rearward incline of the tongue a^2 which brings it substantially parallel to the hook a' the strap D is gripped or clamped more firmly between said tongue and hook than in previous constructions wherein the surface against which the hook presses the strap is inclined to the plane of said hook, there being a tendency in these old devices for the strap to work out from within the hook because the latter grips or clamps less firmly at its free end. The tongue has the further important function of furnishing an inclined resilient or yielding base against which the ends of the belt F are pressed by the clamp b' as the clamping member B is turned into position for securing said belt. It will readily be seen that as the edge of the clamp b' is forced against the belt ends, the inclined

position of the tongue together with its capability to yield will permit said belt ends to be lead gradually into gripping position without danger of tearing the belt or causing undue wear thereon. At the same time, the resiliency or incline of the tongue does not destroy or lessen the firmness of the gripping action of the clamp when the latter is fully swung to its active position, because the tongue terminates between the pivot lugs where the final gripping of the belt is effected by the clamp. The lip or rib ^a serves as an auxiliary gripping member when the handle is pressed in, holding the belt against said lip or rib.

Having thus fully described my invention what I claim as new and desire to secure by Letters Patent is:

1. The combination with a base plate having a pair of outwardly projecting pivot lugs, and a tongue cut from said base plate and extending away from said lugs with its attached end terminating between them, of a clamping member comprising an operating portion and a clamp arranged at an angle to one another, said clamping member being pivoted to said pivot lugs near the bend between said clamp and operating portion, and said clamp when open, extending toward the free end of the tongue.

2. The combination with a base plate having a pair of outwardly projecting pivot lugs, and a tongue cut from said base plate and extending away from said lugs with its attached end terminating between them, of a clamping member comprising an operating portion and a clamp arranged at an angle to one another, said clamping member being pivoted to said pivot lugs near the bend between said clamp and operating portion, and said clamp when open, extending toward the free end of the tongue, and a transverse rib on the base plate near the free end of the tongue and inclined toward the pivot lugs.

3. The combination with a base plate having a pair of outwardly projecting pivot lugs, and a tongue cut from said base plate and extending away from said lugs with its attached end terminating between them, said tongue being bent slightly inward out of the

plane of the base plate, of a clamping member comprising an operating portion and a clamp arranged at an angle to one another, said clamping member being pivoted to said pivot lugs near the bend between said clamp and operating portion, and said clamp when open, extending toward the free end of the tongue.

4. The combination with a base plate having a pair of outwardly projecting pivot lugs, and a tongue cut from said base plate and extending away from said lugs with its attached end terminating between them, said tongue being bent slightly inward out of the plane of the base plate, of a clamping member comprising an operating portion and a clamp arranged at an angle to one another, said clamping member being pivoted to said pivot lugs near the bend between said clamp and operating portion, and said clamp when open, extending toward the free end of the tongue, and a transverse rib on the base plate near the free end of the tongue and inclined toward the pivot lugs.

5. The combination with a base plate having a pair of outwardly projecting lugs and a tongue cut from said base plate, and extending away from said lugs with its attached end terminating between them, said tongue being bent slightly inward out of the plane of the base plate, of a hook extending from the end of said base plate nearer the attached end of the tongue and bent inwardly into substantial parallelism with said tongue, and a clamping member comprising an operating portion and a clamp arranged at an angle to one another, said clamping member being pivoted to said pivot lugs near the bend between said clamp and operating portion and said clamp, when open, extending toward the free end of the tongue.

In testimony whereof I have signed my name to this specification in the presence of two attesting witnesses.

ISAAC ROD.

Witnesses:

SAMUEL WILLIG,

SAMUEL E. KRATZOK.