

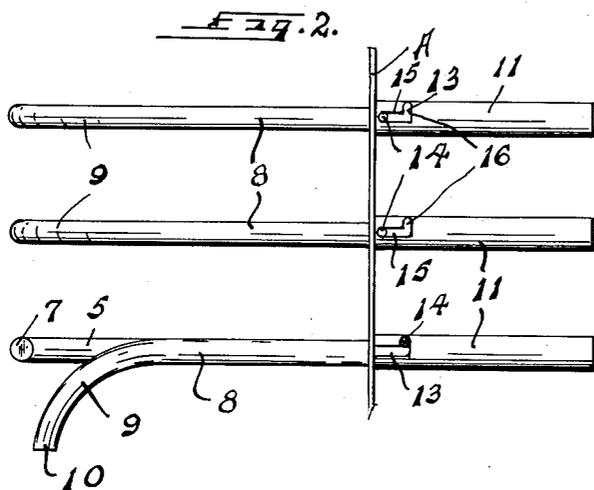
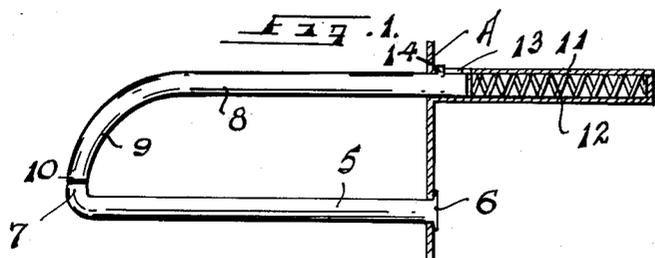
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BELT RACK

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# UNITED STATES PATENT OFFICE

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## BELT RACK

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2 Claims. (Cl. 211-7)

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My invention relates to merchandising racks and has for its object to provide a new and highly efficient locking rack or holder for belts and the like.

A still further object is to provide a belt rack which has a concealed lock so formed that it will prevent the majority of petty thefts from racks of belts.

A still further object is to provide a concealed lock built into a belt rack so that each individual rack is locked so that a person not familiar with the method of unlocking it cannot remove any of the belts from the rack without the aid of a sales person.

These and other objects I accomplish with the device illustrated in the accompanying drawings in which similar numerals and letters of reference indicate like parts throughout the views and as described in the specification forming a part of this application and as pointed out in the appended claims.

In the drawings

Figure 1 is a vertical sectional view of the individual belt rack showing the locking means.

Figure 2 is a plan view of a number of the racks showing how they lock with one shown unlocked for removal of belts therefrom.

In the drawings I have shown the belt rack as attached to a face plate A of a suitable cabinet or display wall. The belt rack consists of a support rod 5 on which the belts are carried. One end 6 is secured in the face plate A by welding or otherwise securing it thereto. The other or outer end is turned up at 7 to prevent the belt buckles from falling therefrom after the catch locking bar 8 has been released. The locking bar 8 is formed with the forward end curved downwardly at 9 with the end 10 to meet and just clear the upturned end 7. The horizontal body 9 of the locking bar 8 has the rear end passed through the plate A into a sleeve 11, is closed at the back end to retain the spring and bar in proper position and a bayonet slot 13 is formed in the sleeve to receive a pin 14 which is embedded in the rear end of the locking bar 8. The bayonet slot is formed with the longitudinal portion 14 in the top side thereof and the angled cut 15 on one side thereof and the pin 14 is secured in the top of the bar 8 when it is positioned with the turned or curved end aligning with the upturned end 7 of the bar 5.

The operations of my invention is as follows:

With the buckles of the belts placed on the rod 5, the locking bar 8 is normally aligned with its curved end 9 turned down engaging the end 10

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with the upturned end 7 of the rod 5. To release the locking bar so that belts may be removed the locking bar 8 is pressed to the rear until the pin 14 has traveled the full length of the slot or longitudinal portion 14. The locking bar 8 is then twisted or partially rotated passing the pin 14 down the angled cut 15 of the bayonet slot 13. This holds the locking bar 8 open until such time as the salesperson reverses the rotative direction of the locking bar moving the pin 14 from the cut 15 and the spring 12 returns the locking bar to its initial position.

Having thus described my invention I claim:

1. A belt rack comprising a vertically mounted plate, a belt buckle supporting rod extending horizontally from one face of the plate, having one end fixedly secured to the plate and having its other end turned right angularly upwardly to provide a short vertical post, a tube fixedly secured to the plate above the level of the rod and extending horizontally from the opposite face of the plate, a coil spring within said tube, a locking bar having a rear end portion slidable in the tube against the tension of said spring and having a main portion extending forwardly from the tube directly above the rod and having a front end portion turned downwardly into substantial engagement with the post, and a projection extending radially from the rear end portion of the locking bar into a bayonet slot in the tube for latching the bar in retracted position with its front end portion pushed back and rotated into spaced relation with the post for passage of a belt buckle on to or off the rod.

2. A belt rack comprising a vertically mounted plate, a belt buckle supporting rod extending horizontally from the front face of the plate, having one end fixedly secured to the plate and having its other end turned right angularly upwardly to provide a short vertical post, a tube fixedly secured to the plate above the level of the rod and extending horizontally from the rear face of the plate, a coil spring within said tube, a locking bar having a rear end portion slidable in the tube against the tension of said spring and having a main portion extending forwardly from the tube directly above the rod and having a front end portion turned downwardly into substantial engagement with the post, and a pin extending radially from the rear end portion of the locking bar into a bayonet slot formed in the tube comprising a front lengthwise extending slot portion and a communicating rear peripheral slot portion, whereby the locking bar may be pushed rear-

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wardly against the tension of the spring and then rotated into latched position with its front end portion retracted and turned up into spaced relation with the post for passage of a belt buckle on to or off the rod.

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