

Aug. 11, 1931.

C. HORIX

1,818,329

ATTACHMENT FOR BELTS

Filed Nov. 9, 1927

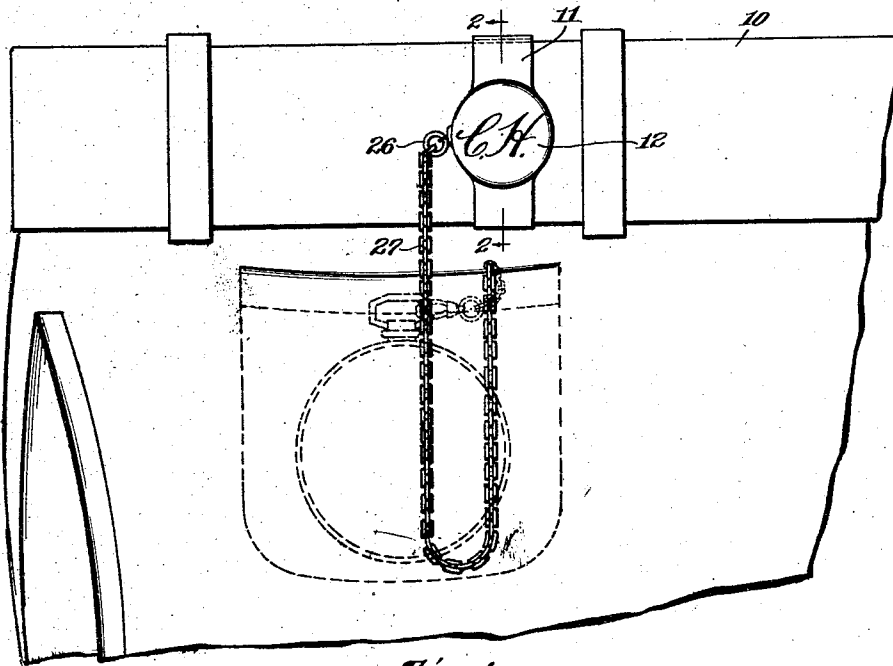


Fig. 1.

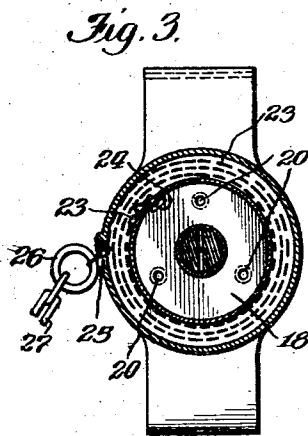


Fig. 3.

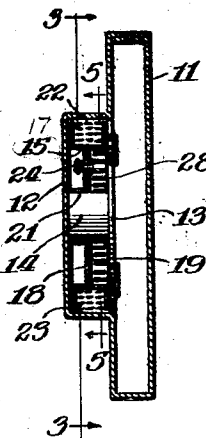


Fig. 2.

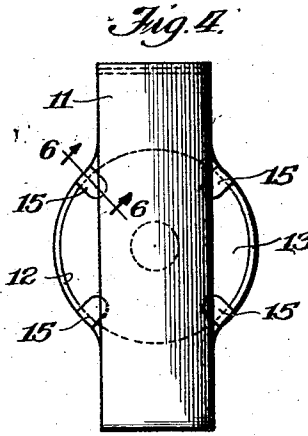


Fig. 4.

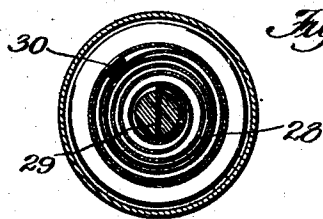


Fig. 5.

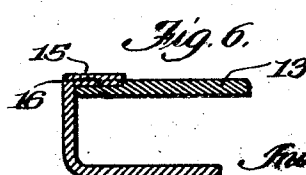


Fig. 6.

Inventor
Carl Horix
By Nissen & Lane Attys.

UNITED STATES PATENT OFFICE

CARL HORIX, OF CHICAGO, ILLINOIS

ATTACHMENT FOR BELTS

Application filed November 9, 1927. Serial No. 232,004.

This invention relates to a device for attaching a flexible member to a belt, and has for one of its objects the provision of a belt attachment which will permit extension of the flexible member held thereby.

A further object is to provide a device of the class named which shall be of improved construction and operation.

The invention is exemplified in the combination and arrangement of parts shown in the accompanying drawings and described in the following specification and it is more particularly pointed out in the appended claims.

In the drawings,

Fig. 1 is an elevation of the present invention shown in place on the belt of the wearer.

Fig. 2 is a section on line 2—2 of Fig. 1.

Fig. 3 is a section on line 3—3 of Fig. 2.

Fig. 4 is a rear elevation of the device shown in Figs. 1, 2 and 3.

Fig. 5 is a section on the line 5—5 of Fig. 2.

Fig. 6 is a section on line 6—6 of Fig. 4.

When a watch is carried in the trousers watch pocket and the chain is secured either to the belt or to the trousers near the pocket, the chain is usually of such length as to prevent raising the watch to a position where it can be easily and distinctly seen. If the chain is made long enough to permit lifting the watch to a position high enough to be readily seen, the loose chain will be unsightly and inconvenient because of its excessive length.

The present invention provides an extensible attachment for the chain which may be supported by the belt and which will permit the watch to be raised to any desired position. It will be understood that the attachment may be used for other objects besides watches, as for a key ring. The device is especially useful in connection with a key ring because it permits the ring to be moved away from the person of the wearer a sufficient distance for easy manipulation in a door or other lock into which the key is fitted.

In the drawings the numeral 10 designates a belt such as is commonly worn about the waist and the numeral 11 designates a metal strap bent into the form of a loop through

which the belt 10 extends. The front portion of the loop 10 is widened and is provided with a housing 12 stamped outwardly thereon. A circular plate 13 is arranged to fit the rear opening in the housing 12 and is provided with a spindle 14 formed integrally therewith. The rear edge of the housing 12 is provided with rearwardly extending tongues 15, which may be lapped over the plate 13 to retain the plate in position to close the open side of the housing 12. The plate 13 is provided with depressions 16 in the rear face thereof for receiving the tongues 15 to hold the plate 13 against rotation. A spool 17 is formed on front and rear webs 18 and 19 secured together by rivets 20. The web 18 is provided with a hub flange 21 journaled on the spindle 14. The outer peripheries of the webs 18 and 19 are spaced apart to form a peripheral groove 22 for receiving a flexible member 23. The member 23 may be a cord or chain which has its inner end attached to the web 18, as shown at 24. The outer end of the flexible member 23 extends through an eye 25 in the lateral face of the housing 12 and is attached to the end ring 26 of a watch chain 27 or other device to be connected with the holder. A spiral spring 28 is disposed in the housing 12 at the rear of the web 19 and has its inner end extending through a slot 29 in the spindle 14, as shown more clearly in Fig. 5. The outer end of the spring 29 is looped about a tongue 30 struck inwardly from the outwardly bent portion of the web 19. The spring 28 is placed under sufficient initial tension to hold the ring 26 in contact with the eyelet 25.

When a watch or other device attached to the chain 27 is to be used, the chain 27 may be drawn away from the housing 12 by simply pulling outwardly on the chain. The spool 15 will rotate to permit the flexible member 23 to be drawn outwardly the desired extent. The outward movement of the flexible member 23 will rotate the spool and wind up the spring 28. Upon release of the tension on the chain 27, the spring 28 will rotate the spool 15 and rewind the flexible member 23 upon the spool and return the

spring 26 to a position adjacent the housing 12.

The device has an attractive appearance similar to an ornamental attachment for securing the end of a watch chain to the belt, but has the additional advantage that it permits extension of the chain by merely exerting tension thereon, the chain being automatically restored to its initial length upon release of the tension.

I claim:

1. In a watch chain support, the combination with a casing having a means thereon for attaching said casing to the belt of a user thereof, of a reel rotatably mounted in said housing, a chain wound thereon, said reel comprising two substantially symmetrical parts rigidly fastened together, one of said parts differing from the other by having a portion forming a hub which is rotatably mounted on a pintle in said casing.

2. A flexible element support for flexible instrument carrying elements comprising a substantial cylindrical housing open at one end, a plate for closing said end having a pintle integral therewith and extending into said housing, a reel rotatably mounted on said pintle comprising two portions which are substantially alike and which are adapted to be fastened together in symmetrical relation to form said reel, one of said portions differing from the other by having a hub portion engaging the pintle, a flexible chain adapted to be wound on said reel, and a spring coiled within one of said portions of the reel for urging the reel in a direction to wind the chain thereon, said spring being fastened to the pintle and to the pulley.

3. A flexible element support as claimed in claim 2 in which the plate has depressions therein and in which lugs are provided on the casing, said lugs preventing said plate from rotating when the same are arranged within the depressions in said plate.

4. In an attachment for belts, the combination with a casing comprising an end wall, an integral portion on said end wall arranged at an angle thereto and surrounding the periphery of said end wall to form a recess, of a strap member integral with said angular extending portion of said casing, said strap member being formed to embrace a belt, a plate for covering said recess, and a flexible spring retracted element within said recess between said end wall and said plate, said angularly extending portion of said casing having an opening therein through which said flexible element extends.

In testimony whereof I have signed my name to this specification on this 16th day of September, A. D. 1927.

CARL HORIX.