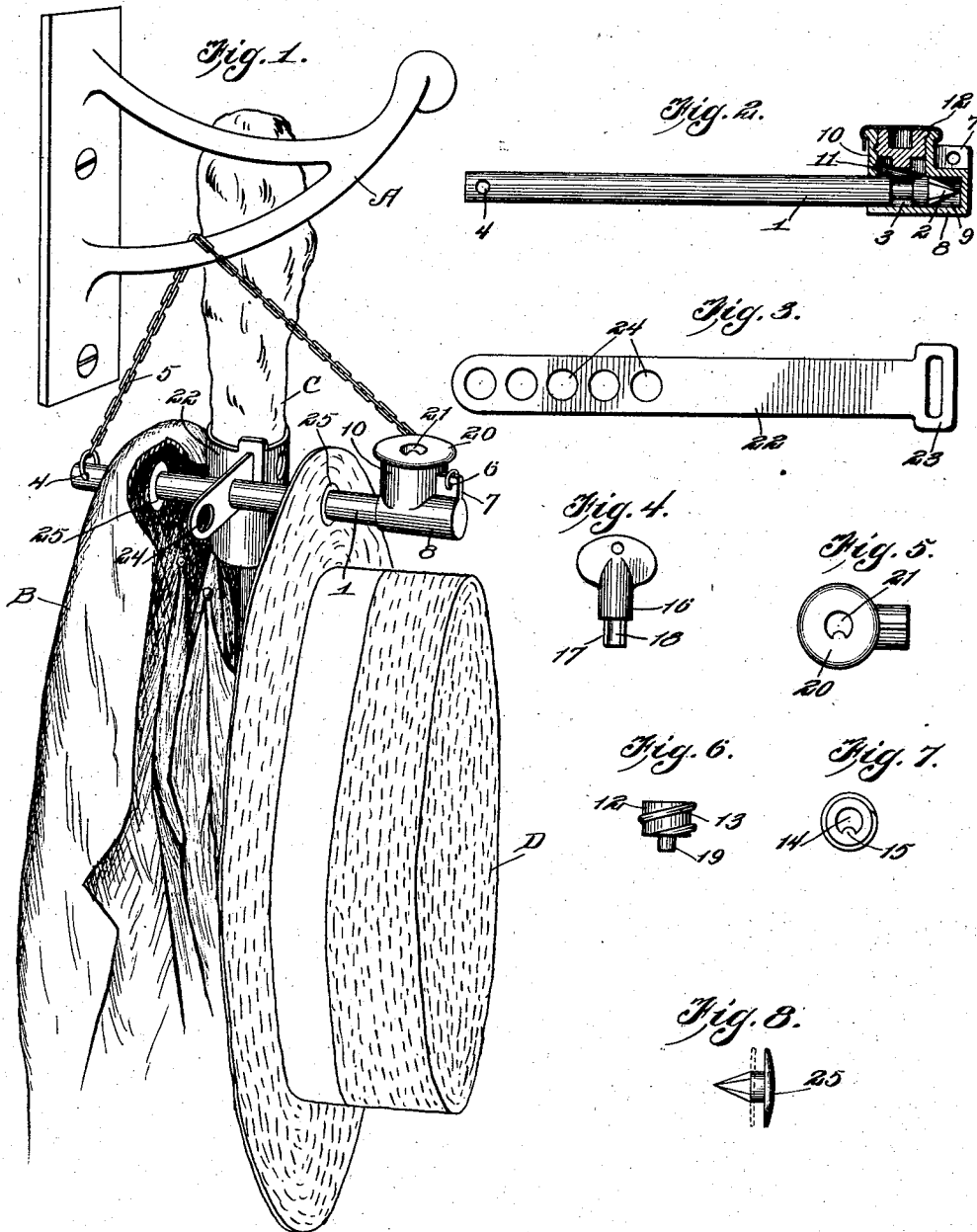


F. G. STRINGER.
 LOCK FOR WEARING APPAREL.
 APPLICATION FILED SEPT. 12, 1911.

1,022,980.

Patented Apr. 9, 1912.



Witnesses

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UNITED STATES PATENT OFFICE.

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LOCK FOR WEARING-APPAREL.

1,022,980.

Specification of Letters Patent.

Patented Apr. 9, 1912.

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To all whom it may concern:

Be it known that I, FRANCIS G. STRINGER, subject of the King of Great Britain, residing at Nelson, British Columbia, and Dominion of Canada, have invented new and useful Improvements in Locks for Wearing-Apparel, of which the following is a specification.

The present invention relates to certain improvements in locks for wearing apparel and the like, and has particular application to a lock of the type described whereby articles of personal use, such as hats, coats and umbrellas may be securely locked to a rack, hook or similar support.

In carrying out my invention it is my purpose to provide a lock capable of supporting and retaining a plurality of articles, the said lock being capable of ready attachment and detachment, the construction and arrangement being such that it may be readily connected to any ordinary frame or support, such as a rack or hook.

A further object of my invention is to provide a device of the class described which will embody in its construction the desired features of simplicity, strength, efficiency and cheapness in cost of manufacture and sale.

It is also my purpose to provide a lock which is substantially self attaching and which will not disfigure the wearing apparel.

With the above recited objects and others of a similar nature in view my invention consists in the construction, combination and arrangement of parts set forth in and falling within scope of the appended claims.

In the accompanying drawings: Figure 1 is a perspective view showing one manner of holding articles of wearing apparel through the medium of my improved lock; Fig. 2 is a detail view showing the locking bolt in elevation and the key way in section, such view illustrating the manner of locking the two parts; Fig. 3 is a side view of the clip employed for holding an umbrella and the like; Fig. 4 is a view in side elevation of one form of key; Fig. 5 is a top plan view of the locking device for retaining the bolt; Fig. 6 is a view in elevation of a bolt; Fig. 7 is a plan view of the same; Fig. 8 is a view in side elevation of a retaining clip adapted to be used in connection with my invention.

Referring now to the accompanying drawings in detail and particularly to Fig.

1, the letter A designates a hook or rack to which it is desired to suspend and lock a number of articles, such as the coat B, umbrella C and the hat D.

My improved lock comprises a metallic bar or rod 1, of any suitable length and shape and preferably formed with pointed or tapered head 2, said rod being grooved or reduced as at 3 adjacent to said head or point. To the opposite end of the said rod as at 4 is connected one end of the locking chain 5, the opposite end of said chain being securely connected as at 6 to the lug 7 formed on the body of the lock 8. This lock is in the present instance in the form of an angular metallic member or key way having a horizontal socket 9 and a vertical tubular member 10 communicating therewith. The inner wall of the vertical tubular extension is spirally threaded as at 11 for the reception of the locking bolt 12, the latter being exteriorly spirally threaded as at 13 to cooperate with the threaded surface 11. This locking bolt is preferably socketed as at 14 and provided with an inwardly extending rib 15 of any suitable form or shape, said bolt being designed to be locked by the key 16 which is provided with the shank 17 having a groove or recess 18 corresponding in form or shape to the rib of the bolt, so that when the shank of the key is inserted in the socket of the bolt the latter may be turned up and down within the body of the lock. This bolt is further provided with a reduced extension 19, in the form of a pin or the like designed to engage with the circumstantial slot or groove 3 of the rod 1, thereby holding said rod within the body of the lock. The numeral 20 indicates a top or covering for the vertical tubular extension of the lock body, said top plate having an opening 21 for the insertion for the shank of the key.

When it is desired to retain a cane, umbrella or the like, I employ a clip 22 in the form of a flexible steel band having a slotted head 23 at one end thereof, the opposite end of said clip being provided with a series of openings 24 suitably spaced apart, the construction being such that when the band is placed circumferentially around a cane or umbrella as shown in Fig. 1, the narrow end of the band or clip may be inserted and passed through the slot 23 in the head of the band and the bolt 1 then passed through one of the openings 24 as shown in Fig. 1.

In order to secure the articles of wearing apparel such as a hat, coat or the like, I insert within the brim of the hat a tubular eyelet such as shown at 25, said eyelet being
5 then upset in the usual manner, while the coat may be similarly provided with one of the eyelets 25, placed beneath the collar of the coat and out of sight so that the appearance of the coat will not be spoiled. Preferably the eyelet of the coat is provided
10 with a relatively longer shank than that for the hat.

From the above description taken in connection with the accompanying drawings, the construction and manner of employing
15 my invention will be readily apparent. The rod 1 having been passed through the eyelets or eyes of the articles to be locked, the locking member is slipped on the pointed
20 or headed end of the rod and the key inserted into engagement with the locking bolt in the vertical extension of the lock member. One revolution is all that is necessary to turn the lock bolt downward so
25 that the shank or pin 19 thereof seats with the circumferential groove in the rod, and thereby locks the latter in position. The key may now be withdrawn and it will be seen that the articles cannot be detached
30 from the rack or hook without breaking the chain or resorting to the use of the key. When it is desired to unlock the device it is only necessary to reverse the movement of the locking bolt by means of the key, when
35 the rod may be readily withdrawn and the articles removed.

It will be seen that I have provided an exceedingly simple yet efficient form of lock
40 through the medium of which a number of articles may be securely fastened and thus retained against theft or inadvertent removal.

While I have herein shown and described, by way of illustration one particular embodiment of my invention, I wish it to be
45 understood that I do not limit myself to all the precise details of construction hereinbefore set forth, as modification and variation may be made without departing from the spirit of the invention or exceeding the
50 scope of the appended claims.

What I claim is:

1. A device of the class described comprising a rod adapted to pass through openings
55 or eyes in the articles to be locked, such rod having a head, and a circumferential groove behind said head, a flexible member having one end secured to said rod, a locking device to which the opposite end of said flexible
60 member is secured, said locking device including a reciprocating locking bolt adapted to engage with the groove of the rod and lock the latter, and a key for actuating said
bolt.

2. A device of the class described comprising a rod adapted to support the articles
65 to be locked, a chain having one end connected to said rod, a locking device to which the opposite end of said chain is connected, said locking device including a horizontal
70 body portion and a vertical tubular extension communicating therewith, a locking bolt threaded in the tubular extension, a key adapted to actuate said lock to move the
75 latter into locking engagement with the end of the rod lying within the horizontal locking position.

In testimony whereof I affix my signature in presence of two witnesses.

FRANCIS G. STRINGER.

Witnesses:

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CHARLES R. BUTTON.