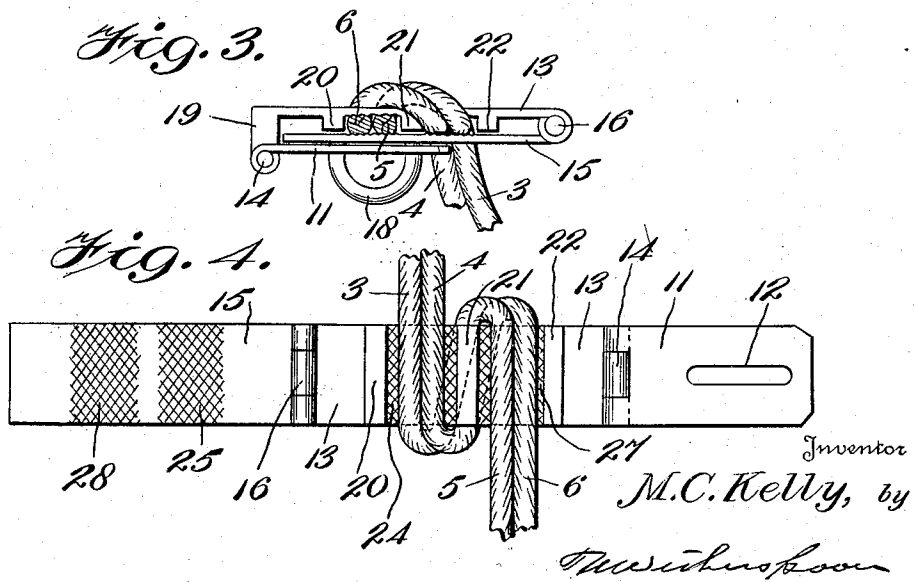
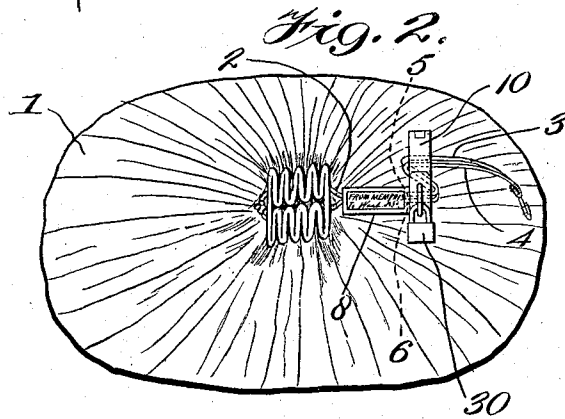


1,201,972.

Fig. 1.



THE NORRIS PETERS CO., PHOTO LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

MICHAEL C. KELLY, OF MEMPHIS, TENNESSEE.

CORD-FASTENER.

1,201,972.

Specification of Letters Patent.

Patented Oct. 17, 1916.

Application filed April 11, 1916. Serial No. 90,358.

To all whom it may concern:

Be it known that I, MICHAEL C. KELLY, a citizen of the United States of America, residing at Memphis, in the county of Shelby and State of Tennessee, have invented certain new and useful Improvements in Cord-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to clamp cord fasteners for general use, but especially adapted for securing the cords of mail and other sacks, and has for its object to provide a clamp of this nature which will be simple in construction, comparatively inexpensive to manufacture, and one that will be more efficient in action than those that have been heretofore proposed.

With these and other objects in view the invention consists in the novel details of construction and combinations of parts more fully hereinafter disclosed and particularly pointed out in the claims.

Referring to the accompanying drawings forming a part of this specification in which like numerals designate like parts in all the views: Figure 1 is a diagrammatic view illustrating an open mail sack to which my invention is adapted to be applied; Fig. 2 is a plan view showing the cord and sack in their closed positions, together with my invention in place thereon; Fig. 3 is a side elevational view of the clamp detached from the sack, showing the cord passed therethrough; and Fig. 4 is a plan view of the clamp opened out and with the cord ready to be locked in position.

1 illustrates a sack or other article around which a cord 2 is adapted to pass, and 3, 4, 5 and 6 represent bights of said cord.

In Fig. 1, the cord 2 is intended to act as a draw string for the mail sack 1, and 8 represents the usual label holder that is slid up to said sack into the position shown in Fig. 2 when the sack is closed.

The clamp 10 comprises the hasp member 11 having the eye 12 secured to the base member 13 by the hinge 14, as well as the staple member 15 secured to the base member 13 by the hinge 16. The member 15 is provided with a staple 18 which passes through the eye 12 as shown, and the base member 13 is provided with an offset 19 extending at right angles to its plane which carries the

hinge 14, and therefore supports the hasp 11 in a plane offset with relation to the plane of said base member 13. The hinge 16 is also offset with relation to said base member 13 and therefore permits said staple member 15 to lie in a plane parallel to said base member as shown.

The base member is provided with three lugs 20, 21 and 22, extending in the same direction as the offset 19 and hinge 16, but of a height less than the thickness of the bights 3, 4, 5 and 6 of the cord to be clamped, so that said bights will be considerably squeezed or deformed before said member 15, in its folded position will reach or contact with said lugs 20, 21 and 22, all as will be clear from Fig. 3.

Between the lugs 20 and 21 is the roughened space 24 coacting with the roughened surface 25 of the staple member 15 to enter the surfaces of the deformed or compressed bights 3 and 4, and hold them firmly in position. And between the lugs 21 and 22 is the roughened space 27 adapted to coact with the roughened surface 28 on the member 15 to compress the bights 5 and 6 and hold them firmly in position. A sealed lock 30 or other fastener serves to hold the parts in their locked positions.

The operation of my improved cord fastener will be clear from the foregoing but may be briefly summarized as follows: When it is desired to close and securely fasten a draw string mail bag for example, the cord 2 is pulled on until the mouth of the bag is closed and the label holder 8 is pushed into the position shown in Fig. 2. Then if the bag is to be secured as indicated the clamp member is held close to the label holder 8 and the bights 3 and 4 passed over the roughened surface 24, the cord may then be passed around the member 13 as shown, and the bights 5 and 6 passed over the roughened surface 27, when the staple member 15 is brought down upon all the bights, compressing the same, and causing said roughened surfaces to firmly hold said bights in their compressed positions. The hasp member 11 is next brought down on the member 15 and the parts locked and sealed or otherwise secured together.

It is obvious that those skilled in the art may vary the details of construction as well as the arrangement of parts without departing from the spirit of the invention and therefore, I do not wish to be limited to the

above disclosure except as may be required by the claims.

What I claim is:—

1. In a cord fastener, the combination of a
5 base member provided with a plurality of
lugs adapted to receive the bights of a cord
between them, and of a height less than the
thickness of the cord to be fastened; a hasp
member hinged to and offset from one end of
10 said base member; a member carrying a staple
hinged to and offset from the other end
of said base member, said hasp member
adapted to fold down on said lugs and compress
the bights of said cord and said staple
15 carrying member adapted to fold down on
said hasp member to hold the latter in place;
and means to lock together said hasp and
staple members when in their folded positions,
substantially as described.
- 20 2. In a cord fastener the combination of a
base member; an offset at one end of said
member; an offset hinge at the other end of

said member; a hasp member hinged to said
offset; a member provided with a staple carried
by said offset hinge; a plurality of lugs 25
spaced apart of a less height than the thickness
of the cord to be secured, said lugs carried
by said base member and adapted to receive
the bights of said cord between them;
roughened surfaces for engaging said cords 30
located between contiguous lugs; said hasp
and staple carrying members adapted to fold
over said base member and hold the bights
of said cord firmly against said roughened
surfaces; and means for securing said hasp 35
and staple members together, substantially
as described.

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

MICHAEL C. KELLY.

Witnesses:

JAS. HIGGINS,

EDWARD TOPPRANOS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."