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H. R. WALRATH  
RECEPTACLE FASTENER  
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1,819,349

Fig. 1.

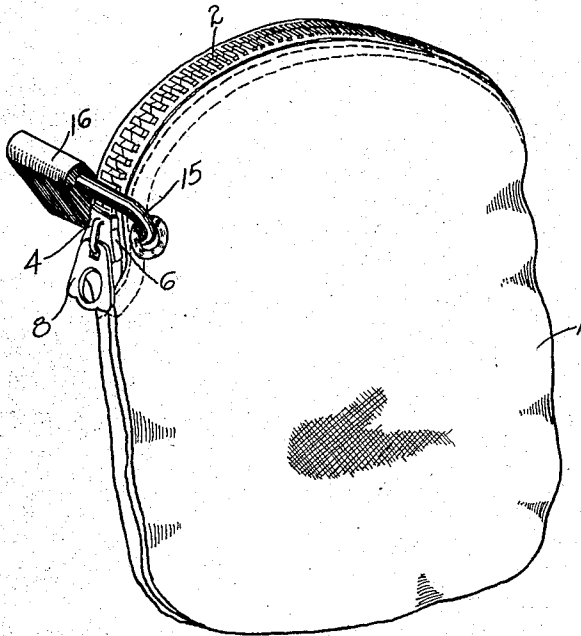


Fig. 2.

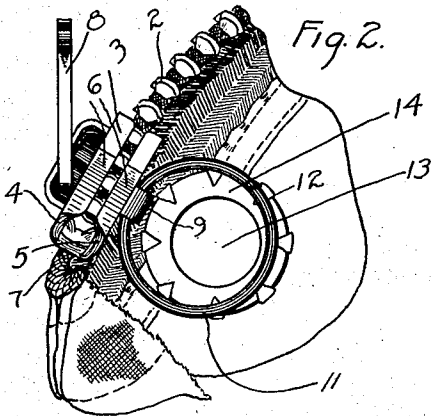
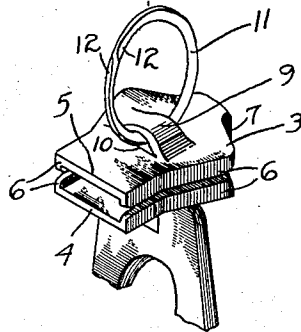


Fig. 3.



INVENTOR.  
Herbert R. Walrath  
BY *J. O. Morshead*  
ATTORNEY.

# UNITED STATES PATENT OFFICE

HERBERT R. WALRATH, OF MEADVILLE, PENNSYLVANIA, ASSIGNOR TO HOOKLESS FASTENER COMPANY, A CORPORATION OF PENNSYLVANIA

## RECEPTACLE FASTENER

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This invention relates to separable fasteners of the progressively interlocking type controlled by a slider and more particularly to a locking attachment for controlling the slider of such a fastener.

5 The invention has for an object to provide a pouch or bag having an opening provided with a slide controlled progressively interlocking fastener and also with a lock for  
10 the slide which will prevent access being had to the interior of the bag through the opening.

A further object is to provide an attachment for the inner side of the slider in the form of a lock receiving ring secured  
15 in an eye formed integrally with the body of the slider.

A further object is to provide a slider and ring member so constructed and joined together that the parts may be manufactured  
20 and assembled at a minimum cost.

With the above and other objects in view, the invention may be said to comprise the device as illustrated in the accompanying drawings hereinafter described and particularly  
25 set forth in the appended claims, together with such variations and modifications thereof as will be apparent to one skilled in the art to which the invention appertains.

30 Reference should be had to the accompanying drawings in which:

Figure 1 represents a bag or pouch equipped with a fastener and locking attachment of the present invention.

35 Fig. 2 is a fragmentary view showing one corner of the bag with one side of the bag removed to show the slide and lock receiving ring carried thereby.

40 Fig. 3 is a perspective view showing the slider with the lock-receiving ring attached thereto.

Referring to the accompanying drawings, the pouch or bag to which the invention is  
45 applied is designated by the reference numeral 1 and this bag has an opening at the upper end which is controlled by a separable fastener of the progressively interlocking type consisting of closely spaced inwardly  
50 projecting fastening elements 2 secured

along the edges of the flaps at opposite sides of the opening. The interlocking of the fastener elements 2 and the releasing thereof is progressively controlled by means of a slider 3 that has spaced outer and inner  
55 walls 4 and 5, which receive the fastener elements 2 between them, and that have side flanges 6 which overlie the outer ends of the fasteners to guide the same into and out of interlocking engagement. The inner and  
60 outer walls 4 and 5 are connected by an integral cam portion 7 at one end of the slider. A suitable handle or pull 8 is pivotally secured to the outer wall of the slider and, by means of this pull, the slider may be moved  
65 from one end of the opening to the other, the movement of the slider in one direction causing the fastening elements to be progressively interlocked, whereas the movement of the slider in the opposite direction causes the fastening elements to be progressively  
70 disengaged in a manner well understood in the art.

The present invention contemplates the attachment of a lock-receiving member to the inner side of the slide and, in order to provide a strong yet simple connection with the body of the slide, an eye 9 in the form of an endless strap is struck up from the body of the inner wall 5 of the slider. The  
75 eye 9 is formed by making parallel transverse cuts 10 in the inner wall of the slider and pressing and stretching the portion of the wall intermediate the cuts 10 outwardly from the body of the wall. A ring 11 passes through the integral eye 9 and this ring is  
80 preferably a circumferentially split steel ring such as an ordinary key ring, having end portions 12 which may be sprung outwardly from the body of the ring and passed through the eye 9, rotation of the ring 11  
85 causing the circumferentially divided ring to pass to interlinkage relation with the eye as shown in Fig. 3. Adjacent the end of the bag opening in which the slider 3 is positioned when the opening is closed, the opposite side walls of the bag are provided  
90 with aligned openings 13 which are preferably reinforced with metal eyelets 14. When the slider 3 is in the bag closing position, the ring 11 registers with the opening  
100

13 so that the shackle 15 of a padlock 16 may be passed through the openings 13 and the ring 11, as shown in Fig. 1, to securely lock the slide against movement in a direction to open the bag. The shackle of the lock preferably passes over the fastening elements in back of the slider to prevent any relative movement thereof.

The pouch or bag herein shown is particularly useful for transferring money or securities from one bank to another and for other analogous uses. The bag may be locked before being delivered to the messenger at one bank and unlocked at the other bank, so that the messenger is prevented from obtaining access to the interior of the bag without cutting the bag open or resorting to other devices which will show evidence of tampering.

It will be apparent that the present invention provides a very simple and inexpensive locking attachment for fasteners of the progressively interlocking type which does not in any way detract from the appearance of the bag and which is very effective for the purpose for which it is intended.

It will also be apparent that a slider made in accordance with the invention will be inexpensive to manufacture and will have many uses where an inexpensive and strong main or supplemental pull is desired on the slider.

Furthermore, it is to be understood that the particular form of apparatus shown and described, and the particular procedure set forth, are presented for purposes of explanation and illustration and that various modifications of said apparatus and procedure can be made without departing from my invention as defined in the appended claims.

What I claim is:

1. In a slide actuated separable fastener for securing together flaps of flexible material which has closely spaced fastening members secured along the edges of the flaps, a slider mounted for movement along the edges of the flaps for progressively engaging or disengaging the fastening members, a handle attached to the outer side of the slide, an eye formed integrally and homogeneously with the slide on the inner side thereof, and a ring passing through said eye and adapted to receive a locking member for holding the slider against movement.

2. In combination with a bag of flexible material having an elongated opening and a slide actuated separable fastener composed of closely spaced fastening members secured along the edges of the flaps at opposite sides of the opening, a slider mounted for movement along opposite edges of the flaps for progressively engaging or disengaging the fastening members, a handle attached to the outer side of the slider, a ring attached to the inner side of the slider, and alined eyelet

reinforced openings in the bag adjacent one end of the elongated opening with which said ring registers when the slider is at said end of the opening, said eyelet reinforced openings and ring when so positioned being adapted to receive a suitable locking element.

3. In combination with a slide actuated separable fastener for securing together flaps of flexible material which has fastening members secured along the edges of the flaps, a slider mounted for movement along the edges of the flaps for progressively engaging or disengaging the fastening members, a handle attached to the outside of the slider, said slider having an inner wall formed of metal having a portion intermediate the ends thereof separated by parallel cuts from the body of the wall and pressed outwardly to form an integral eye, and a ring passing through said eye.

4. Fastening means for a bag having an opening to be closed comprising a slide fastener for closing the opening including cooperating fastening members along the edges of said opening, a slider movable along said members for engaging or disengaging same, said slider having actuating means attached to one side thereof and a projection thereon extending from the other side of said slider into the interior of said receptacle, and a lock to prevent opening of said receptacle including a member adapted to project through the wall of the receptacle into the path of said projection to block opening movement of the slider.

5. Fastening means for a bag having an elongated opening to be closed comprising a separable slide fastener for closing the opening, said fastener comprising cooperating series of fastening members and a slider movable from one end to the other of said opening to engage or disengage said members, a pull device attached to one side of said slider and a member carried by the other side of the slider and adapted to project into the interior of said receptacle, and a lock to prevent opening of said fastener including a shackle adapted to pass through the wall of the receptacle into the path of said interiorly projecting member, when the fastener is closed, to block opening movement of the slider.

In testimony whereof I affix my signature.  
HERBERT R. WALRATH.