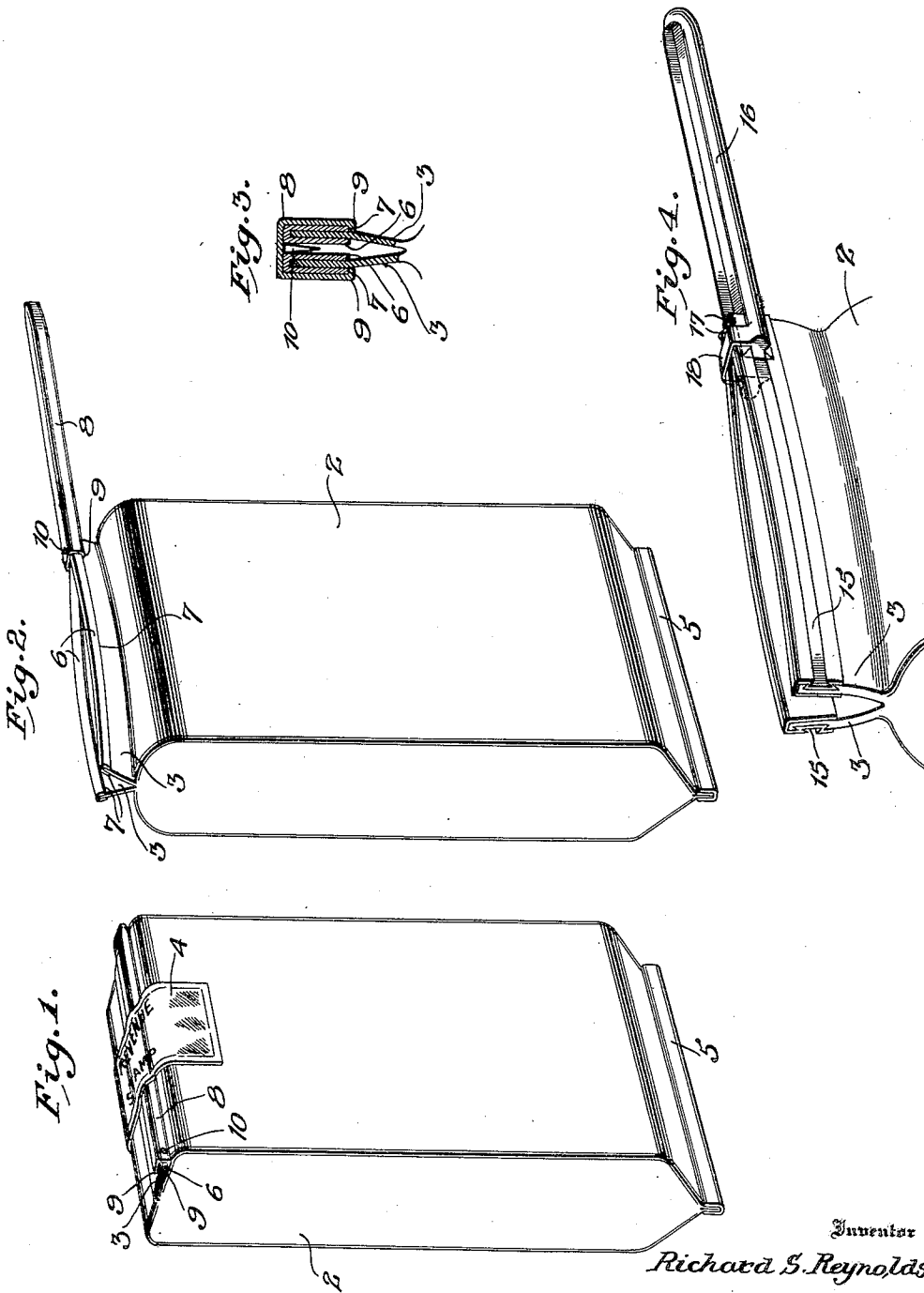


R. S. REYNOLDS.
TOBACCO BAG.
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1,371,934.

Patented Mar. 15, 1921.



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RICHARD S. REYNOLDS, OF LOUISVILLE, KENTUCKY.

TOBACCO-BAG.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, RICHARD S. REYNOLDS, a citizen of United States, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Tobacco-Bags; 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 containers and more particularly to a container adapted to be substituted for the metallic containers in which certain grades and brands of tobacco are now placed on the market.

Owing to the present conditions in various industries in this country the cost of material and labor and the necessity of using machines of various kinds in the production of war material, it is desirable to provide a substitute container for metal containers and it is the object of this invention to provide such a container or bag which may be made of inexpensive material and yet provide the several desirable properties accompanying the use of metallic containers for tobacco.

Another object of the invention is to provide a bag of some kind of flexible, substantial, tough material such as fiber in sheet form to enable the ready opening of the bag and to secure closing of the same that the contents may be withdrawn when necessary and the bag when closed be practically air tight.

With these and other objects in view as will be rendered manifest in the following specification, the invention consists of the construction, combination, and in details and arrangements of the parts as more particularly described hereinafter relative to the embodiment of the invention, illustrated in the accompanying drawings, in which,

Figure 1 is a perspective view of the bag or container in the first closed, sealed and stamped condition.

Fig. 2 is a perspective view of the container or bag showing the seal as broken open, the mouth of the bag open to permit the withdrawal of the contents.

Fig. 3 is an enlarged detailed, sectional view showing the stop member for preventing the entire removal of the retainer from the container.

Fig. 4 shows a modified form of construction of the retainer or closure for the bag.

The fiber container may be made of any suitable shape, dimensions and proportions and is preferably made of a substantial, pliable fiber or tough paper. In the present case the bag is generally of oblong shape and has at its upper end a pair of parallel flange or leaf like members 3 forming lips which are adapted to be separated so as to provide access to the container or bag 2 or when the lips are folded together they may be inclined across the top of the bag as shown in Fig. 1 where there then may be applied a revenue stamp indicated at 4. The bottom end of the bag is permanently closed by suitable means and in any suitable manner but preferably the ends of the tube are securely fastened together by reinforcing slip or binder indicated at 5, which can be of any suitable material.

To provide for the comparatively tight closing of the container or bag after it is filled and so long as it may have a charge or partial charge of tobacco in it I have provided a means for holding the lips or mouth closed which means is adapted to be readily adjusted to one side by longitudinal movement so as to enable the opening of the mouth of the bag as shown at Fig. 2 so that the contents can be discharged therefrom. In the form of retaining or closing means found in Figs. 1 to 3 inclusive, the edges of the flanges or lips 3 are suitably reinforced or stiffened, the reinforcement in this modification consisting of a substantially U-shaped binding preferably of metal though not necessarily so, this binding being indicated at 6, and may or may not entirely overlap the edge of the respective lips but may extend only up to the edge on one side if desired and be suitably held in position. By means of the reinforcing or thickening of the upper end of the lips there is produced a ledge or shoulder 7. When the lips are drawn toward each other in the closing movement of the bag they are so held by means of a slide 8 also of U-shape in cross section which embraces or overlaps the edges and sides of the reinforced portion of the lips, the edges of the slide or closing device 8 being turned in at 9 under the shoulders 7 of the reinforce. In other words the slide or closing device 8 is sustained against any but longitudinal movement by

a coöperative and interlocking relation to the reinforced portions of the flanges or lips 3. As clearly shown in Fig. 2 the lips are oppositely bowed so that when the slide or closing device 8 is moved outwardly across the end of the bag the resiliency of the reinforced portion of the bow or lips forces the mouth of the bag to be automatically opened. By sliding the closing device 8 inwardly across the end of the bag it will be seen that side flanges of the same will react on the bowed side or lips 3—3 and cause these to close together within the U-shape closing member 8. Manifestly the members 3 need not be bowed and need not be resilient but may be opened by the pressure of the finger or any instrument when embedded between the lips after the closing slide has been withdrawn.

To limit the inward and the outward movement of the slide or closing member 8 suitable means may be provided and as here shown comprises a pin or stop member 10 fixed in the top of the slide 8 and projecting downwardly centrally between the side walls so as to run between the inside surfaces of the lips 3—3 which preferably have their ends so shaped as to engage the stop pin when the slide 8 is at the inner or outer position with respect to the mouth of the bag.

In Fig. 4 is shown a modified form of the closing means in which the lips of the bag are provided with channels or guides 15 on their outer surfaces with which there interlocks the inside spaces of a hair-pin shaped slide 16. The arms are so disposed as to press the inner faces of the lips 3 together if desired to close the bag. By outward movement of the closing member 16 the lips are released so that they can be separated laterally from each other. Movement of the member 16 may be limited by the stop shoulders 17 and 18 on the respective parts.

I claim:

1. A bag having a mouth with separable lips, reinforcing strips having longitudinal undercut grooves formed therein secured to said lips, a member coextensive with said lips and slidably mounted thereon and having shoulders adapted to interlock with said undercut grooves in and for the purpose described.

2. A bag having a mouth with laterally separable lips, reinforcing strips secured to said lips and normally bowed when in an open position, and a closure comprising a member co-extensive in length with said lips and slidably mounted thereon and having shoulders adapted to engage said reinforcing strips as and for the purpose set forth.

3. A bag having a mouth with laterally separable lips, substantially U-shaped reinforcing strips engaged over the outer edges of said lips and provided with longitudinal engaging portions, and a closure comprising a member co-extensive in length with said lips and slidably mounted thereon and having shoulders adapted to engage the reinforcing strips as and for the purpose set forth.

4. A bag having a mouth with laterally separable, resilient, bowed lips and a closure comprising a member co-extensive in length with the lips and embracing and slidably mounted thereon.

5. A bag having a mouth with laterally separable, resilient, bowed lips, having engaging shoulders formed thereon and a closure comprising a member co-extensive in length with the lips and embracing and slidably mounted thereon and said closure member having engaging shoulders on the lips as and for the purpose set forth.

In testimony whereof I affix my signature.

RICHARD S. REYNOLDS.