J. GRUNDY.

TOBACCO POUCH.

APPLICATION FILED MAR. 24, 1919.

1,357,496.

Patented Nov. 2, 1920.

2 SHEETS—SHEET 1.

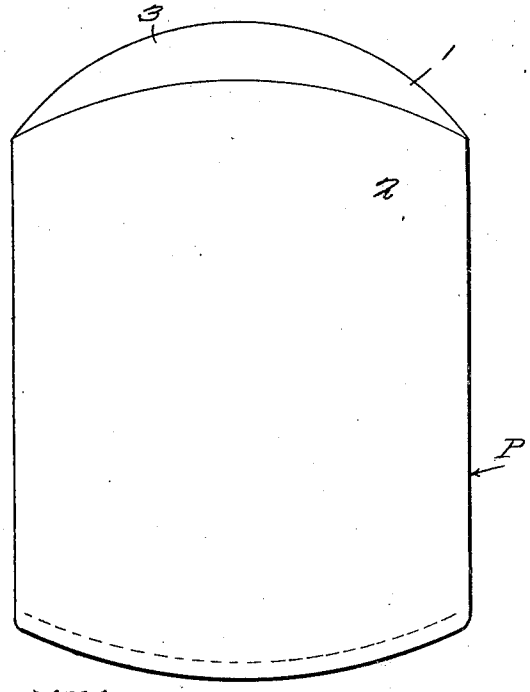


Fig. 1.

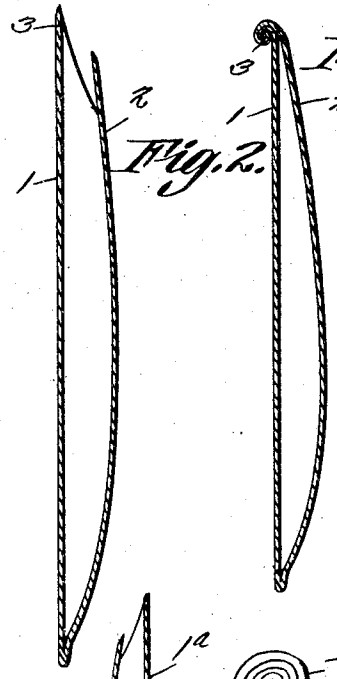


Fig. 2.

Fig. 3.



Fig. 4.

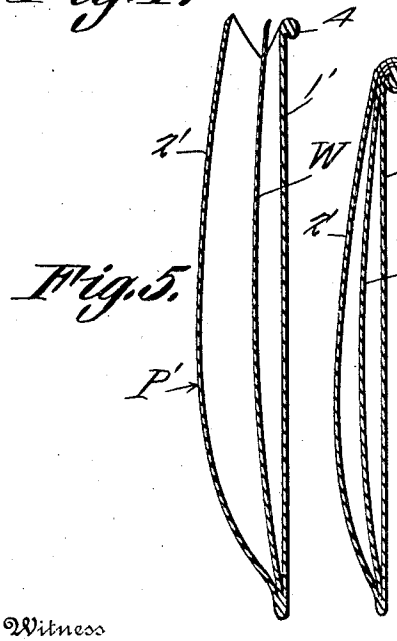


Fig. 5.

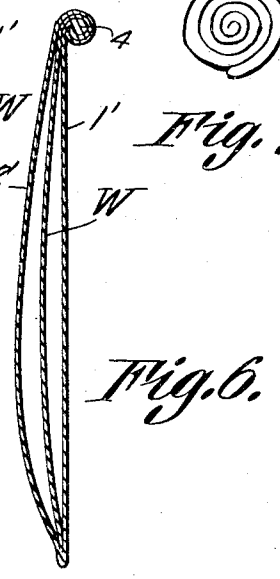


Fig. 6.

Fig. 7.



Fig. 8.

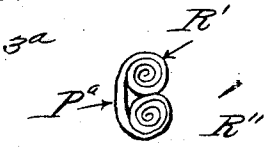


Fig. 9.

Witness

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2 SHEETS—SHEET 2.

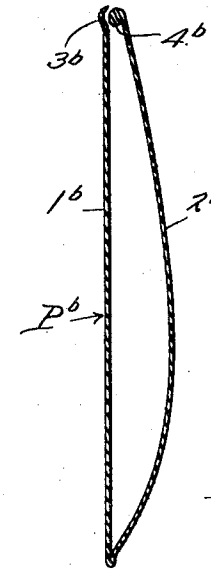


Fig. 10.

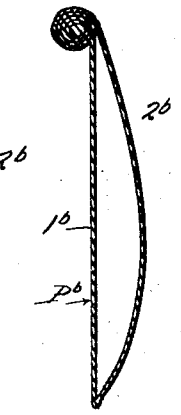


Fig. 11.

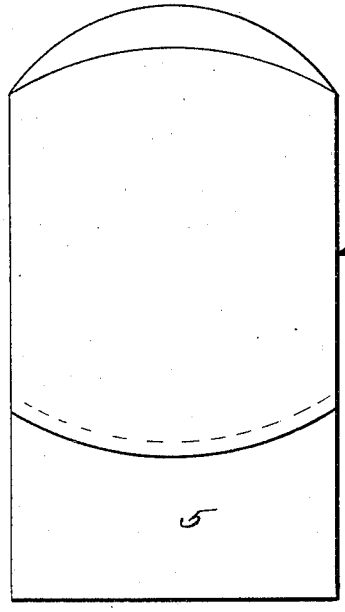


Fig. 12.

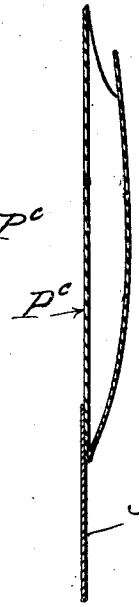


Fig. 13.

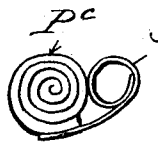


Fig. 14.

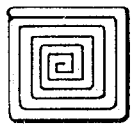


Fig. 15.



Fig. 16.

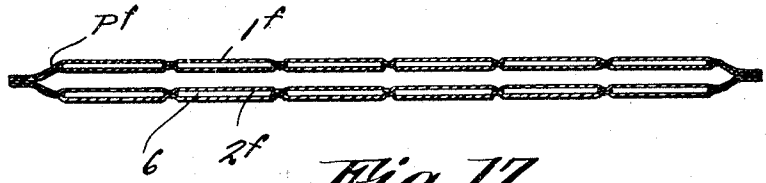


Fig. 17.

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UNITED STATES PATENT OFFICE.

JAMES GRUNDY, OF PATERSON, NEW JERSEY.

TOBACCO-POUCH.

1,357,496. Specification of Letters Patent. Patented Nov. 2, 1920.

Application filed March 24, 1919. Serial No. 284,697.

To all whom it may concern:

Be it known that I, JAMES GRUNDY, a citizen of the United States, residing at Paterson, in the county of Passaic and State of New Jersey, have invented a new and useful Tobacco-Pouch, of which the following is a specification.

The subject of this invention is a tobacco pouch suitable for holding smoking or chewing tobacco or snuff.

The main object of the invention is the provision of a self closing pouch.

Another object of the invention is the provision of a compactly folding pouch.

Another object of the invention is the provision of a pouch which may be easily filled.

Another object of the invention is the provision of a cigarette rolling member.

The invention also contemplates generally improving the construction and enhancing the utility of tobacco pouches.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of the invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

Practical embodiments of the invention are illustrated in the accompanying drawings, wherein:—

Figure 1 is a view in elevation of a pouch constructed in accordance with the invention;

Fig. 2 is a longitudinal section of the same;

Fig. 3 is a longitudinal section showing the device as it starts to fold or roll;

Fig. 4 is a view in end elevation of the pouch in its folded or rolled position;

Fig. 5 is a longitudinal section of a modified form of the device;

Fig. 6 is a similar view showing the device partly rolled;

Fig. 7 is an end view of the same rolled;

Fig. 8 is a view in longitudinal section of a further modification;

Fig. 9 is an end view of the same rolled;

Fig. 10 is a longitudinal section of a further modification;

Fig. 11 is a similar view partly rolled;

Fig. 12 is a view in elevation of a further modification;

Fig. 13 is a longitudinal section of the same;

Fig. 14 is an end view of the same in rolled position;

Fig. 15 is a view in end elevation of a further modification, showing the same in folded position;

Fig. 16 is a similar view of a further modification;

Fig. 17 is a cross section of a further modification.

Referring to the drawings by characters of reference:—

In the preferred form of the device, there is provided a pouch P, having the integral walls 1 and 2, the former of which extends beyond the latter, at the mouth of the pouch, and is adapted to be on the inside of the fold or roll when the pouch is folded or rolled. The extending end 3 of the wall 1 rolls, when not restrained therefrom, and forms a roll upon which the edge of the wall 2 may roll, as seen most clearly in Fig. 3.

In order that the pouch may fold or roll automatically, when not restrained, the pouch is placed in a folded or rolled position while the rubber of which it is composed is still in a green state, and is then vulcanized while in such position.

In that form of the pouch shown in Figs. 5, 6 and 7, a pouch P′ is provided, similar to the pouch P, and having the walls 1′ and 2′, and between these walls is interposed a division wall W, thus dividing the pouch into two compartments. With the two compartments thus provided, it is possible to fill one compartment with tobacco before the other compartment is quite empty, so as to insure a supply of tobacco, and, at the same time, avoid mixing fresh tobacco with the old tobacco remaining in the pouch. The edge of the wall 1′ may be provided with a rib or roll 4, the better to insure the rolling of the walls W and 2′ upon the wall 1′.

In the form of pouch shown in Figs. 8 and 9, the pouch, P^a, is open at both ends and the walls, 1^a, and 2^a, thereof, are joined transversely, as at 3^a, the location of such joint being between the ends of the pouch, and preferably midway between such ends. In this form the pouch folds or rolls from each end, as seen most clearly in Fig. 9, pro-

viding the two portions R′ and R″. By this structure a double pouch is formed in which different kinds of tobacco may be contained.

In Figs. 10 and 11 a form of pouch, P^b, is shown in which the integral walls 1^b and 2^b are provided. The edge of the wall 1^b, at the mouth of the pouch, is curved, as indicated at 3^b, to engage a rib 4^b formed on the adjacent edge of the wall 2^b.

The rib 4^b provides a portion on which the pouch may roll, and the curved edge 3^b engaging the rib, assures a smooth rolling of the wall 1^b with the wall 2^b.

The form of pouch, P^e, shown in Figs. 12, 13 and 14, may be of any one of the forms shown herein, and to one end of this pouch is attached a strip, 5, of some suitable material, such as celluloid, which may serve for the purpose of rolling cigarettes by placing a strip of paper thereon and rolling it inside of the strip 5 after tobacco is placed thereon, the said strip with tobacco therein being subsequently withdrawn longitudinally. The manner in which this can be done has been shown clearly in Fig. 14. If desired the wall of the pouch can be extended for the same purpose as the attached strip 5.

In Figs. 15 and 16 are shown pouches which are of substantially rectangular formation in cross section, the pouches being rolled in this form before the material of which they are made is vulcanized. It will be understood that a great variety of rolls may be provided in pouches of this character.

In Fig. 17 a further modified form of pouch, P^f, is shown wherein the walls, 1^f and 2^f, of the pouch are made of any suitable flexible fabric, to which ribs or strips 6 of resilient material are secured for the purpose of causing the pouch to fold or roll automatically. These strips may be of rubber or of spring metal, or of any other substance which has the requisite quality to cause a rolling or folding of the pouch.

Having thus described the invention, what is claimed as new and sought by Letters Patent, is:—

1. A self rolling pouch consisting of opposed walls connected together along their side edges and one end, that wall of the pouch forming the outer side of each convolution of the pouch when rolled being longer than the other wall and having a flap projecting therefrom at the open end of the pouch, that end of the short wall of the pouch projecting beyond the open end of said pouch being free at its side edges and a rib formed along the end of one wall of the pouch and constituting a core for the pouch when rolled.

2. A self rolling pouch consisting of opposed walls connected together along their side edges and one end, that wall of the pouch forming the outer side of each convolution of the pouch when rolled being longer than the other wall and having a flap projecting therefrom at the open end of the pouch, that end of the short wall of the pouch projecting beyond the open end of said pouch being free at its side edges and longitudinally extending resilient ribs connected to a wall of the pouch for facilitating automatic rolling of said pouch.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JAMES GRUNDY.

Witnesses:
BROOK HARRISON,
CHARLES CHAPMAN.