Feb. 14, 1950 N. S. WATERMAN 2,497,643

COIN PURSE

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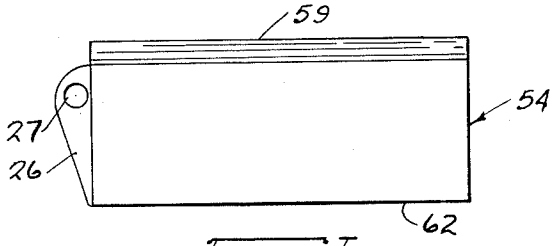


Fig. 1

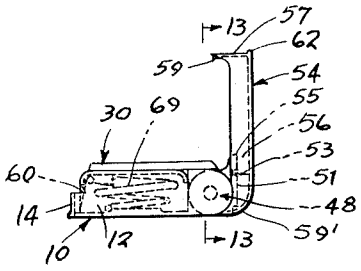


Fig. 4

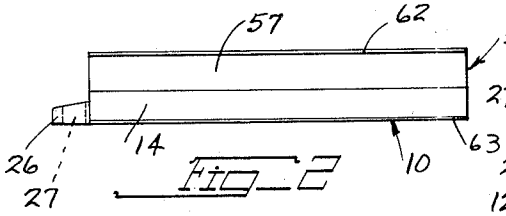


Fig. 2

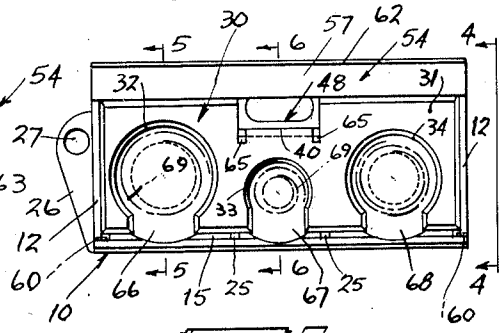


Fig. 3

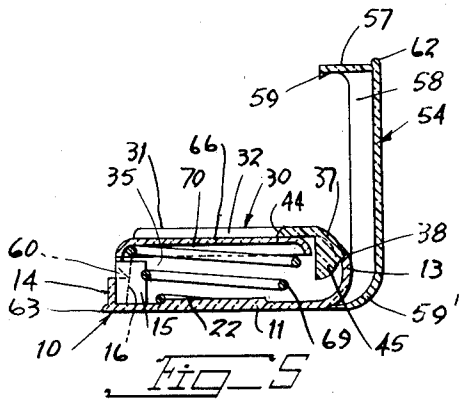


Fig. 5

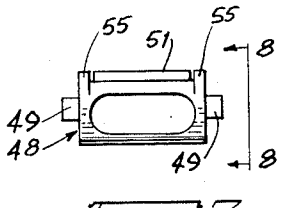


Fig. 7

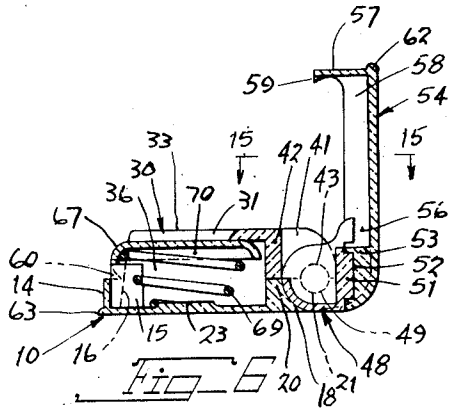


Fig. 6

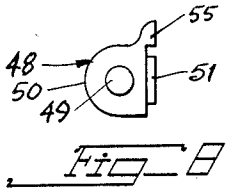


Fig. 8

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COIN PURSE

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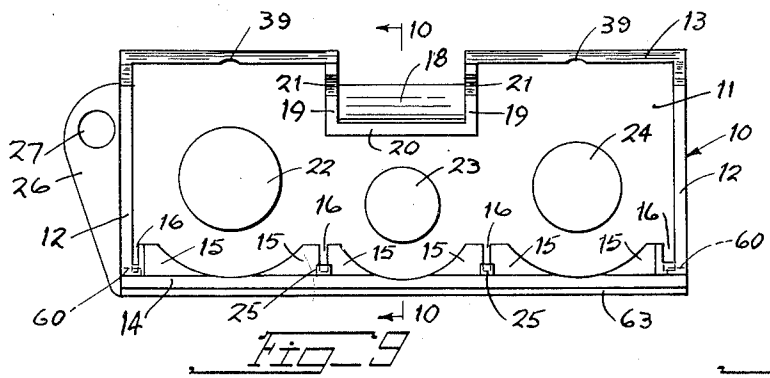


Fig. 9

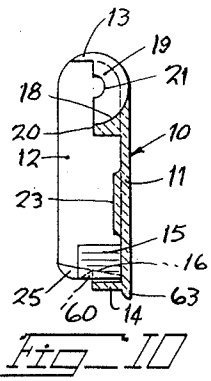


Fig. 10

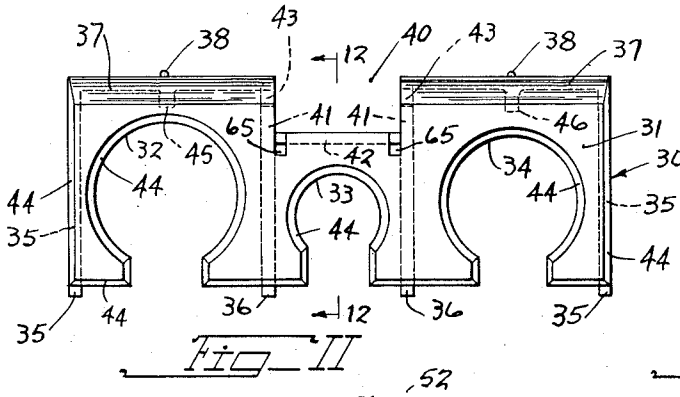


Fig. 11

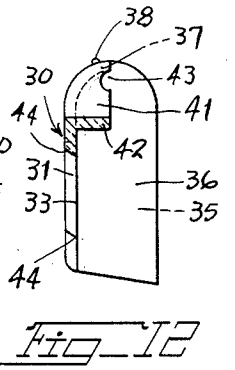


Fig. 12

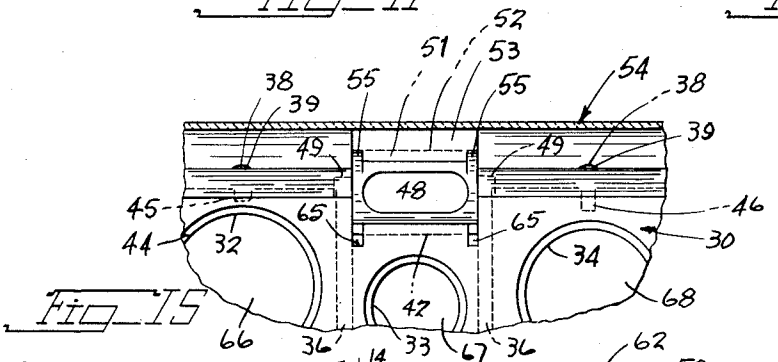


Fig. 15

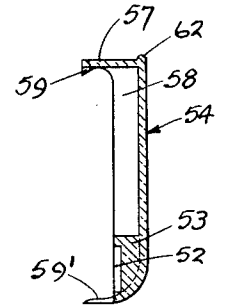


Fig. 14

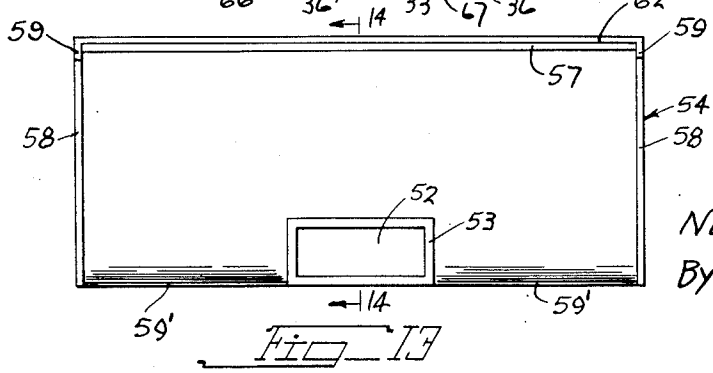


Fig. 13

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UNITED STATES PATENT OFFICE

2,497,643

COIN PURSE

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Application December 5, 1946, Serial No. 714,337

6 Claims. (Cl. 220—31)

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This invention relates to new and useful improvements in a coin case.

More particularly, the invention proposes a new and improved coin case characterized by the fact that it is composed of several thermo-plastic or thermo-setting parts associated with each other. These parts are of such construction that they are readily moldable with dies generally used in the construction of thermo-plastic or thermo-setting plastics. In fact, the only non-thermo-plastic or non-thermo-setting materials used in the coin case are small springs used in the resilient means for supporting the coins against the bottom of the top wall of one of the parts of the purse.

More specifically, the invention proposes to construct the coin purse of a base container section, a top container section, a cylindrical pivot and a cover. Each of these parts is made of thermo-plastic or thermo-setting materials. Each of these parts is so constructed that they may be readily molded. Moreover, these parts are so arranged that they may be easily connected or associated with each other.

The dominating feature of the invention resides in the specific construction of each of the thermo-plastic or thermo-setting material parts, by which they may be readily connected or associated with each other.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a plan view of a coin purse constructed in accordance with this invention, and illustrated in a closed position.

Fig. 2 is a front elevational view of Fig. 1.

Fig. 3 is a plan view of the coin purse shown in Fig. 1 but illustrated with the cover opened into a vertical position.

Fig. 4 is an end view of Fig. 3 looking in the direction of the line 4—4 of Fig. 3.

Fig. 5 is an enlarged vertical sectional view taken on the line 5—5 of Fig. 3.

Fig. 6 is an enlarged vertical sectional view taken on the line 6—6 of Fig. 3.

Fig. 7 is a plan view of the pivot of the coin purse, as partially seen in Fig. 3.

Fig. 8 is an end view of Fig. 7 looking in the direction of the line 8—8 thereof.

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Fig. 9 is a plan view of the base container section of the purse.

Fig. 10 is a sectional view taken on the line 10—10 of Fig. 9.

Fig. 11 is a plan view of the top container section of the purse.

Fig. 12 is a sectional view taken on the line 12—12 of Fig. 11.

Fig. 13 is a front elevational view of the cover of the purse, this view being taken as though looking in the direction of the lines 13—13 of Fig. 4.

Fig. 14 is a sectional view taken on the line 14—14 of Fig. 13.

Fig. 15 is a fragmentary horizontal sectional view taken on the line 15—15 of Fig. 6.

The coin purse, in accordance with this invention, includes a base container section 10 having a bottom wall 11, full height end walls 12, a short curved back wall 13 and a short front wall 14. Curved coin guiding projections 15 extend inwards from the inner face of said short front wall 14 and are provided with vertical slots 16 for partition walls. These curved coin guiding projections extend a short distance above the top edge of the short front wall 14. The short curved back wall 13 has at its central area a curved recess 18 for a cylindrical pivot. This curved recess 18 has along its ends short end walls 19 and at its front a short front wall 20. The end walls 19 have semi-cylindrical recesses 21 for accommodating the trunnion of the cylindrical pivot which fits into the recess 18. The top face of the bottom wall 11 is provided with short upwardly directed bosses 22, 23 and 24 upon which the bottom ends of certain springs are set. Short curved partition-like projections 25 are located upon the coin receiving projections 15 and are aligned with the vertical slots 16 and consequently are aligned with partition walls set into these slots 16 and serve to guide the insertion of different denominations of coins into the coin purse, as will be hereinafter more fully explained. One of the end walls 12 is provided with a lug 26 having an aperture 27 for a tassel, chain or other similar element.

A top container section 30 is associated with the base container section 10 in a certain way. This top container section 30 has a top wall 31 extending between said full height end walls 12 of the base container section 10. The top wall 31 is provided with circular openings 32, 33 and 34 for displaying coins of different denominations placed in said purse. The top container section 30 is also provided with end walls 35 and

partition walls 36. These end walls 35 and partition walls 36 are adapted to engage into the vertical slots 16 of the container section 10. The front ends of the end walls 35 and the partition walls 36 are disposed at a forward and downward inclination (see particularly Figs. 11 and 12). The vertical slots 16 are similarly inclined, see Fig. 10. With this arrangement the front ends of the end walls 35 and partition walls 36 may be set into the vertical slots 16 which then serve to hold them down.

The top container section 30 is also provided with a curved back wall 37 complementary to and engageable within said curved back wall 13 of the base container section 10. This curved back wall 37 is provided with small projections 38 adapted to engage through small cutouts or niches 39 formed upon the top of the curved wall 13 and by which the top container section 30 may be snapped into the base container section 10 and then firmly maintain its position. It should be noted that the sloping vertical slots 16 and the sloping front ends of the side walls 35 and partition walls 36 will maintain the front portion of the top container section 30 and base container section 10 firmly connected together, while the projections 38 resiliently hold the back portions of these sections 30 and 10 connected together.

The top container section 30 is also provided with a recess 40 which is superimposed on the curved recess 18 and which is provided with end walls 41 and a front wall 42. These walls 41 and 42 are superimposed upon the end walls 19 and front wall 20 of the base container section 10 when said sections 30 and 10 are connected together. The end walls 41 are provided with semi-cylindrical recesses 43 superimposed on the semi-cylindrical recesses 21 for accommodating the trunnion of the pivot which is engaged in the recesses 18 and 40 as hereinafter more fully explained. The edge portions of the circular openings 32, 33 and 34 and the edge portions of the front and ends of the wall 31 are formed with bevels 44. The curved back wall 37 is formed with short forwardly projecting ribs 45 and 46 which serve to assist in stacking coins within the coin purse.

A cylindrical pivot 48 is mounted in the recesses 18 and 40. This cylindrical pivot 48 has a trunnion 49 which engages the recesses 21 and 43. The pivot 48 has a curved side 50 mating with the curvature of the recess 18. At the back the pivot 50 has a rectangular boss 51 engaging a complementary recess 52 formed upon a boss 53 on a cover 54 of the coin purse. The projection 51 is cemented into the recess 52 with suitable plastic cement, such as a solvent. The pivot 48 is also provided with a pair of upwardly extending fingers 55 which are spaced a short distance 56 from the inside face of the cover 54 and into which the bottom edge portion of a folded bill may be engaged.

The cover 54 has a front wall 57, side walls 58, and a back wall 59'. The back wall 59' is curved to be complementary to the curvature of the curved wall 13. The side walls 58 are adapted to be superimposed upon the side walls 12 of the base container section 10. The front wall 57 is adapted to be superimposed on the front wall 14 of the base container section 10. Small projections 59 from the front ends of the side walls 58 are engageable with complementary small niches or recesses 60 formed on the front ends of the side walls 12 by which the cover 54 is securely held closed. However, the cover 54 is capable of being opened merely by forcing it open. The resiliency of the material from which the parts are constructed is depended upon to allow this operation. The top front edge portion of the cover 58 is provided with a lip 62 and the front bottom edge of the base container section 10 is provided with a complementary lip 63 by which it is possible to securely hold the base container section 10 and the cover 54 for opening and closing the cover 54, as desired.

The top wall 31 of the top container section 30 is formed with a pair of recesses 65 into which the finger-like projections 55 of the cylindrical pivot 48 engage when the cover 54 is in its closed position.

The coin purse is also provided with resilient means for supporting coins against the bottom of the top wall 31 of the top container section 30. This resilient means includes discs 66, 67 and 68 set beneath the openings 32, 33 and 34. Helical spiral springs 69 are mounted at their bottom ends on the bosses 22, 23 and 24 and have their top ends set into recesses 70 formed in the bottom faces of the discs 66, 67 and 68. These springs 69 serve to firmly urge the discs 66, 67 and 68 into their top positions. The edges of the discs 66, 67 and 68 are curved as clearly shown in Figs. 5 and 6.

The operation and use of the new and improved coin purse may be understood from the following:

In Figs. 1 and 2 the coin purse is shown in a closed position. A tassel, chain or the like element may be mounted through the opening 27 of the lug 26 so that the coin purse may be easily found in one's pocketbook or other container. Moreover, this chain may be connected with the slide of a slide fastener of a pocketbook or other container, if this is desired. The coin purse is opened by merely pivoting the cover 54 upwards. When this is done the projections 59 snap out from the niches 60. Now any one of the discs 66, 67 or 68 may be manually depressed and then a coin may be slipped in position over the disc or over a coin already on the disc. The coin is slipped inwards into positions from the front of the coin purse. The coins are slipped into position above the curved coin guiding projections 15 and between the projections 25 and the partition walls 36. The coins are slipped into position beneath the top wall 31 of the top container section 30. Three or four coins may be slipped into position above each disc 66, 67 and 68 depending merely on the height of the coin purse and the distance that the spring 69 can be compressed. Folded paper money may be slipped behind the fingers 55 into the space 56 and against the inner face of the cover 54.

The top container section 30 may be removed by merely pulling its back portion upwards so that the small projections 38 ride out from the cutouts 39. Then the forward ends of the side walls 35 and the partition walls 36 may be slipped upwards out from the vertical slots 16. When the top container section 30 is removed, the trunnion 49 is freed from the recesses 21 and 43 and may be removed. The cover 54 and the cylindrical pivot 48 are connected as a unit because they are cemented together.

While I have illustrated and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new and desire to secure by United States Letters Patent is:

1. In a coin purse, a base container section having a curved back wall having a curved recess within the curvature thereof for a cylindrical pivot and short end walls and a short front wall on the ends and front of said curved recess, a top container section having a curved back wall complementary to and engaging within said curved back wall of the base container section and provided within the curvature thereof with a recess superimposed on said curved recess and provided with end and front walls resting on the end and front walls of the curved recess of said container base section, a cylindrical pivot set into said recesses and having a trunnion engaging complementary bearing openings in the end walls of said recesses, and a cover for said coin purse attached to said pivot.

2. In a coin purse, a base container section having a curved back wall having a curved recess within the curvature thereof for a cylindrical pivot and short end walls and a short front wall on the ends and front of said curved recess, a top container section having a curved back wall complementary to and engaging within said curved back wall of the base container section and provided within the curvature thereof with a recess superimposed on said curved recess and provided with end and front walls resting on the end and front walls of the curved recess of said container base section, a cylindrical pivot set into said recesses and having a trunnion engaging complementary bearing openings in the end walls of said recesses, and a cover for said coin purse attached to said pivot, said pivot having a projection, and said cover having a boss with a recess complementary to said projection, and means for securing said projection within said recess by which these parts are connected together.

3. In a coin purse, a base container section having a curved back wall having a curved recess within the curvature thereof for a cylindrical pivot and short end walls and a short front wall on the ends and front of said curved recess, a top container section having a curved back wall complementary to and engaging within said curved back wall of the base container section and provided within the curvature thereof with a recess superimposed on said curved recess and provided with end and front walls resting on the end and front walls of the curved recess of said container base section, a cylindrical pivot set into said recesses and having a trunnion engaging complementary bearing openings in the end walls of said recesses, a cover for said coin purse attached to said pivot, and projections on said cover and engageable with complementary recesses in said base container section by which said cover may be releasably held closed.

4. In a coin purse, a base container section having a recess for a cylindrical pivot and end walls on the ends of said recess, a top container section mounted on said base container section and having a recess superimposed on said recess and provided with end walls resting on said end walls, a cylindrical pivot set into said recesses and having a trunnion engaging complementary bearing openings in said end walls, and a cover for said coin purse attached to said pivot.

5. In a coin purse, a base container section having a recess for a cylindrical pivot and end walls on the ends of said recess, a top container section mounted on said base container section and having a recess superimposed on said recess and provided with end walls resting on said end walls, a cylindrical pivot set into said recesses and having a trunnion engaging complementary bearing openings in said end walls, and a cover for said coin purse attached to said pivot, said bearing openings comprising superimposed semi-cylindrical recesses in said end walls.

6. In a coin purse, a base container section having a recess for a cylindrical pivot and end walls on the ends of said recess, a top container section mounted on said base container section and having a recess superimposed on said recess and provided with end walls resting on said end walls, a cylindrical pivot set into said recesses and having a trunnion engaging complementary bearing openings in said end walls, and a cover for said coin purse attached to said pivot, said end walls of said base container section projecting upwards and said end walls of said top container section projecting downwards.

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