March 9, 1943. J. N. HINSON 2,313,547

LUGGAGE BAG

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Fig. 1.

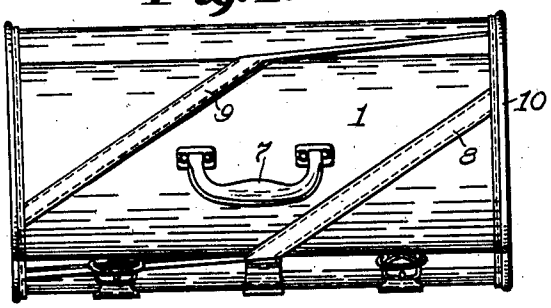


Fig. 4.

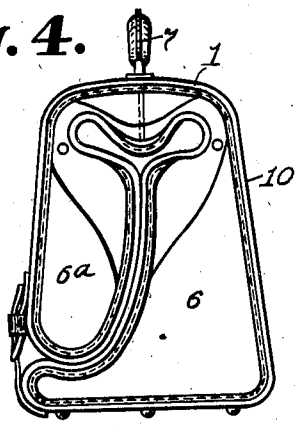


Fig. 2.

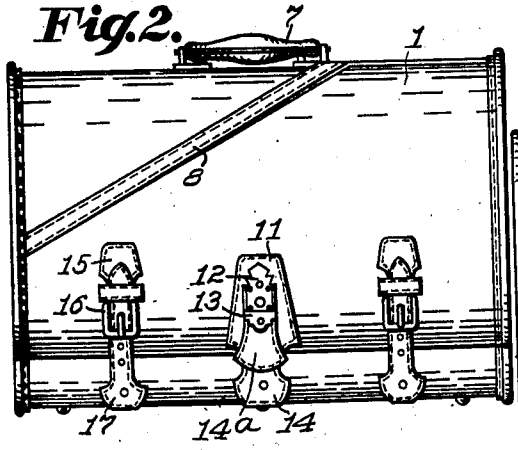
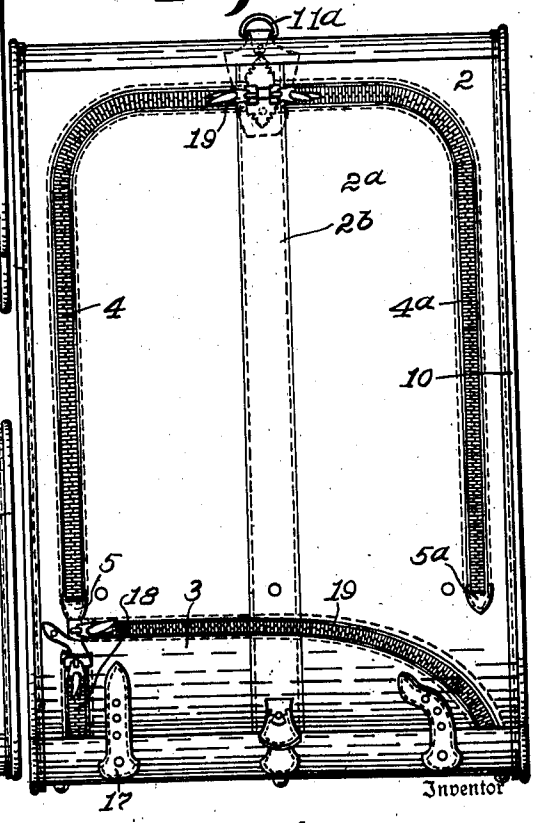


Fig. 5.



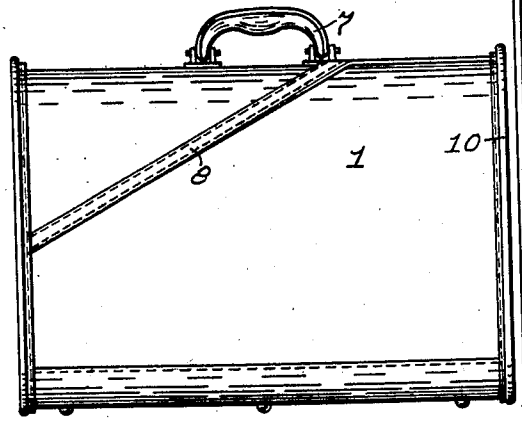


Fig. 3.

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Fig. 8.

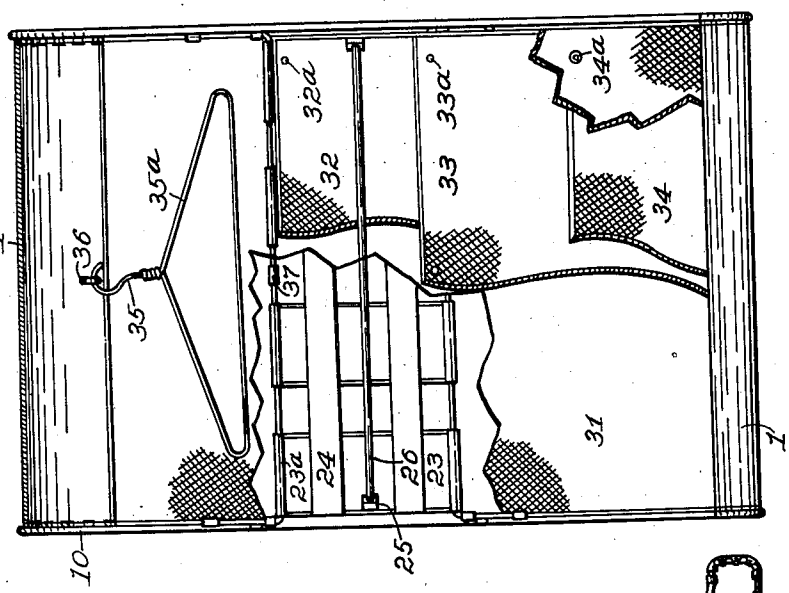


Fig. 7.

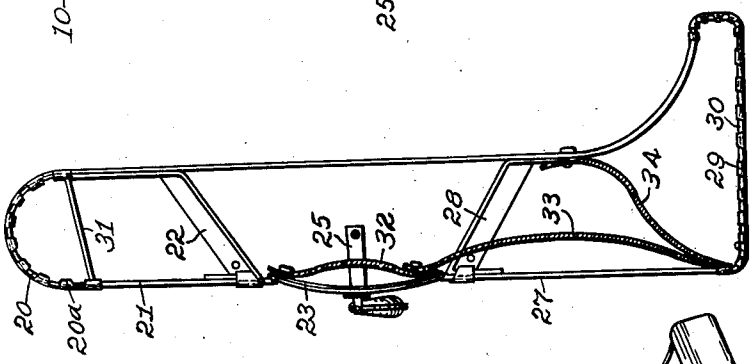
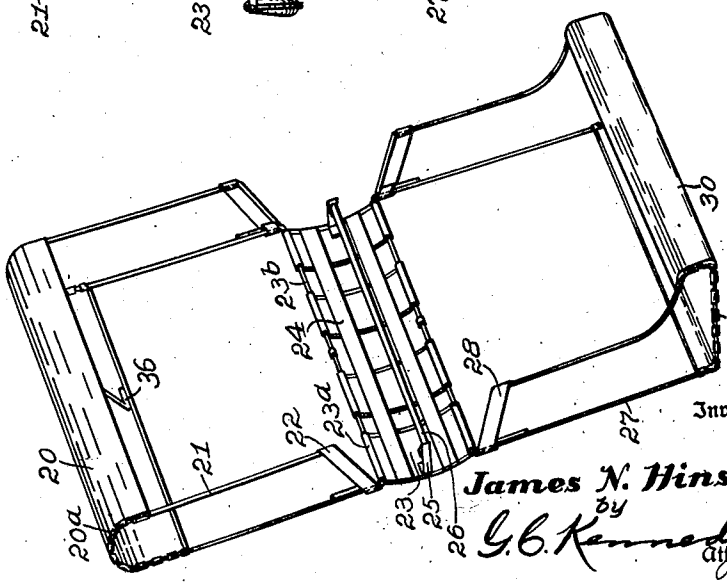


Fig. 6.



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2,313,547

LUGGAGE BAG

James N. Hinson, Waterloo, Iowa, assignor to The Hinson Manufacturing Company, Waterloo, Iowa, a corporation of Iowa

Application August 22, 1940, Serial No. 353,678

1 Claim. (Cl. 190—43)

My invention relates to improvements in luggage bags, and particularly to a bag of flexible material incasing an inner jointed skeleton frame for supporting the bag when the bag is folded or unfolded.

Another improvement consists in providing a flexible closure cover for the frame, openable, and means for mounting it upon the frame.

Another improvement is in the constructing the flexible closure of separably connected parts, with one end part releasably separable from the body of the closure, to permit access to a separate bag receptacle in the basal part of the body.

Another improvement is in the use of a medial transverse rigid skeleton body, and skeleton end bodies hinged to opposite ends thereof, for supporting the flexible parts of the bag against collapse.

Another improvement is in furnishing other containers within the bag, and fastenable pockets, and in providing special hangers for clothing or the like also within the bag.

Other improvements in the bag and its constructions of the interior frame elements will be hereinafter described and claimed.

It is to be understood that various changes may be effected in this invention without thereby departing from the principles and scope of the invention.

In the drawings, Figs. 1 to 4 inclusive, are exterior views of the luggage bag as folded upon itself. Fig. 1 is a top plan thereof. Fig. 2 is a side elevation thereof, and Fig. 3 is an elevation of its opposite side. Fig. 4 is an elevation of one end of the bag. Fig. 5 is a plan view of the extended bag at one side which includes the hingedly connected side cover therefor. Fig. 6 is a perspective view of the interior skeleton frame connected elements as extended. Fig. 7 is a side elevation of the frame as extended, and Fig. 8 is a plan of one face of the bag with the flexible cover elements thereof removed, and showing, with parts broken away, a plurality of alined sacks therein, with parts broken away.

This invention discloses in Figs. 1 to 4 inclusive the folded bag exteriorly, while Fig. 5 shows it extended. The numeral 1 denotes one side face of the cover with end parts curved toward each other, and in Fig. 5 is shown a flexible cover 2 for the opposite face and connected at its lower end to the lower upturned part of the cover. The cover 2 at its upper end is likewise connected at its upper end to the upper downturned end of the cover 1.

The cover 2 has a strip cut away, in the shape of an inverted U, thus providing a flap 2*a*, with the edge parts thereof at opposite sides as also the abutting edge of the outer part of the cover 2 provided with coacting engaging connections 4, whereby their upper terminals in either case may be pulled in one direction in each set of connections to disengage the connections, or in an opposite direction to secure the flap 2*a* within its seat. The lower parts of these connections are anchored to ears 5—5*a* of the cover 2.

In said Fig. 5 is also shown a part of the lower end 3 of the cover 2*a* cut away similarly to the previously described cut out of the cover and similarly operated when desired to open only the lower part 3 of the cover when desired leaving the upper part 2*a* engaged with the inner margin of the part 2. This is for a purpose to be hereinafter described. A short like device 18 is employed between the left-hand parts 2*a* and 3, permitting the part 3 to be opened to drop downwardly. The cover 2*a* may have a supporting flexible strip 2*b* mounted medially vertically therealong.

Referring to said Fig. 2, which shows the bag in a folded condition, locking and other securing devices are used to releasably lock the apposed end parts of the bag together. The numeral 11 designates a tab secured medially on one end part of the cover 1 and a locking device 12 is secured thereon for locking coaction with another locking device or part 13 on another tab 14—14*a* secured on the abutting end part of the cover below. Adjacent opposite sides of the said locking means are the like devices for also connecting the end parts of the bag together releasably, being the tabs 15 and 17 secured to said end parts in alinements oppositely and with a buckle 16 securing them together.

A looped handle 7 is mounted on the cover 1, and spaced oblique reinforcing strips are mounted across the cover at 8 and 9. As shown in Fig. 4, the end walls at 6 and 6*a* are brought closely opposite each other, as united with the angle casings 10.

Reference is now had to Figs. 6 to 8 inclusive. In Figs. 6 and 7 is disclosed a jointed skeleton frame adapted to be seated within the covers previously described, as in Fig. 8, to support the walls and outer covers of the bag. In Fig. 6 is shown an inwardly concaved medial frame device, comprising spaced longitudinal bars 24 secured across the set of spaced transversely curved bars 23, the extremities 23*a* of the latter being rolled inwardly in respective alinements to seat therethrough rods 23*b* united at 37 at

their inner ends. A troughed metal member **20** has detents **20***a* around both ends and spaced apart, and curved inwardly to provide seats for U-shaped rods **21** whose parallel inner ends are rigidly connected at each side by oblique bars **22**. The oblique bars **22** terminate in Fig. 8 in sleeves transversely to seat the angularly bent outer parts of the alined connected ends of the rods **23***b*, whose inner parts are alined and connected by inwardly threaded sleeves **37**. The curvate cross bars **23***a* have their opposite ends scrolled to receive therethrough the rods **23***b* rockingly. The transverse bars **24** are fixed across the curvate cross bars **24** for reinforcement. The outer cross bars **24** have fixed thereon medially inwardly bent arms **25** connected fixedly to a rod connection **25—26**, upon which within the bag articles may be removably hung. The pairs of bars **22** and **28** are inclined apart outwardly rigidly, as shown. Inwardly transversely troughed parts **20** and **30** respectively have inwardly directed and bent fingers **20***a* and **29** to clamp them upon the looped parts **21** and **27**. The outer end part of the member **30** is bent inwardly and angularly to widen it, permitting as shown in Fig. 4, the curvate end part **20—20***a* to seat within the opposed angular end part **29—30** of the frame. Across the looped outer end parts **21** of the frame fixed arms **31** are connected, as added reinforcements, and to keep the parts **20** from slipping off. **36**, **35** and **35** are hangers inside.

The inner wall of the cover **1** has an inner liner **31**. In vertical superposition, as shown in Fig. 6, are the flap pockets, at **31**, **32**, **33**, **34** and a flap cover **2***a*—**3**, the latter shown also in Fig. 5 in top plan, and as extended and secured in closed position. When the wall closures **2***a* or **3** are opened, or both opened together, and lowered, access may be had to any of said pockets, the hanger **35***a*, or to articles hung upon the cross-rod **26**. If shoes, or other articles are deposited in the lowermost pocket **34**, the closure part **3** may be opened for access to the lower pocket **34** only. As shown in Fig. 5, a ring **11***a* is hung on the tab **11** (Fig. 2), so that when the bag is unfolded, it may be hung suspensively for convenience in access to the interior of the bag.

I claim:

In a luggage bag, in combination, an inwardly troughed apertured medial member, pairs of longitudinally spaced pairs of transverse looped arms hinged thereto at opposite sides, inwardly channeled casings mounted upon the outer parts of the arms longitudinally, the casings being of unequal widths with the narrower casing arcuate inwardly and the other casing flat transversely and wider than the first casing with their opposite end parts inturned relative to each other, a flexible separably connected casing mounted about the outer faces of said members, a flexible sectional inner cover flap, having one end secured to the wider casing member, and means for releasably connecting the free end and side parts of the flap to the looped side arms, whereby when the looped arms are closed together, the outer end part of the narrower casing is seated within and closing the inner hollowed face of the wider casing part.

JAMES N. HINSON.