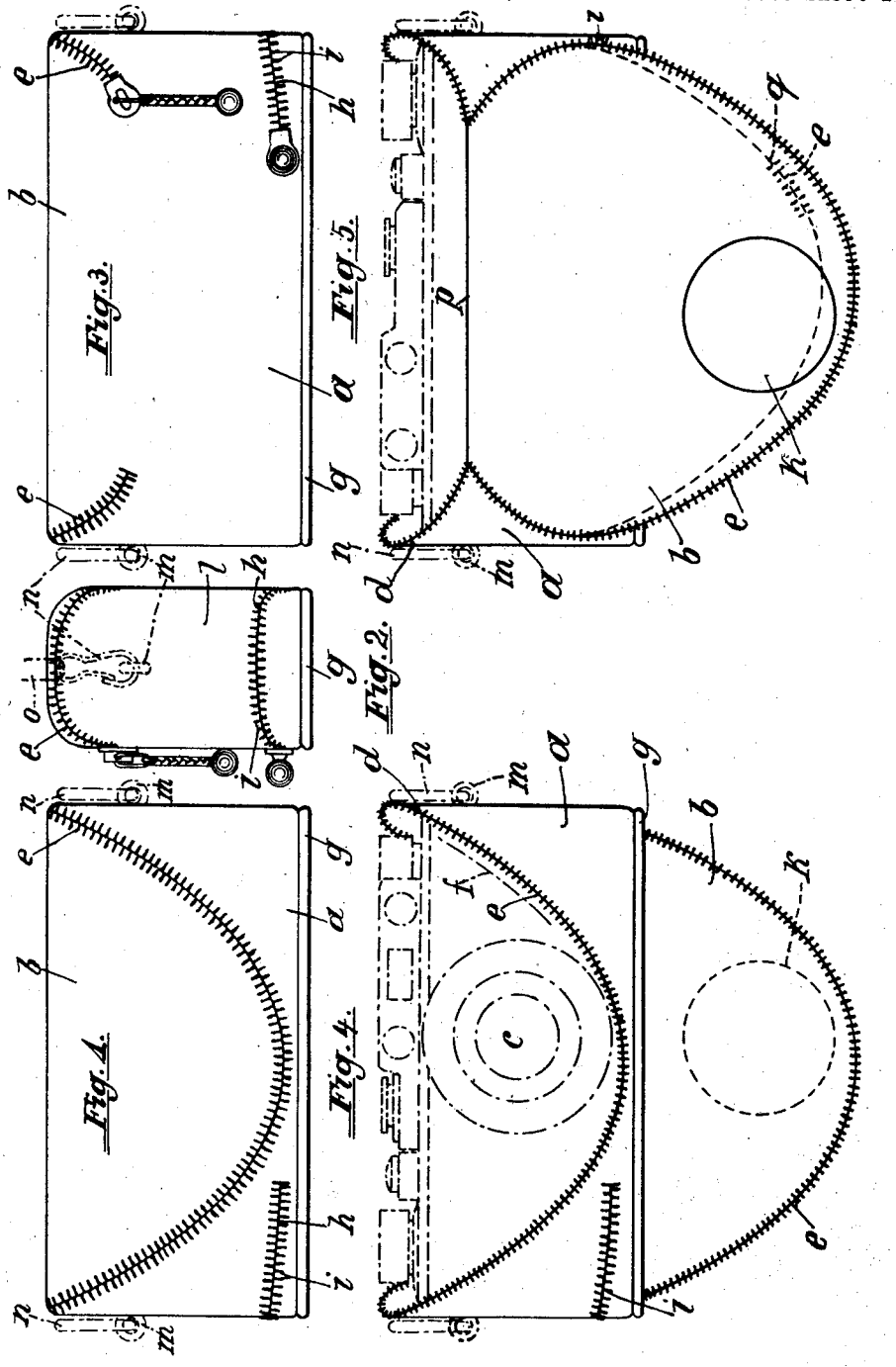
June 29, 1943. E. KUPFERSCHMID 2,323,053

QUICKLY READY POUCH FOR SNAP SHOT CAMERAS

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Fig. 6.

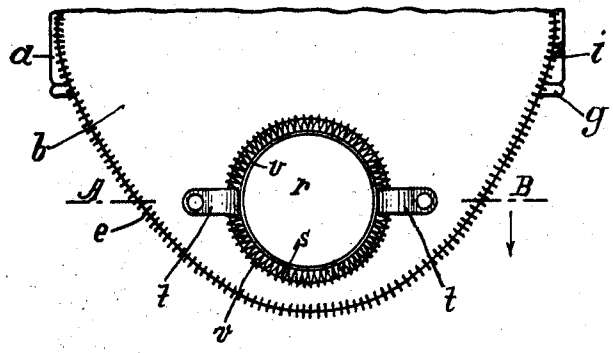


Fig. 7.

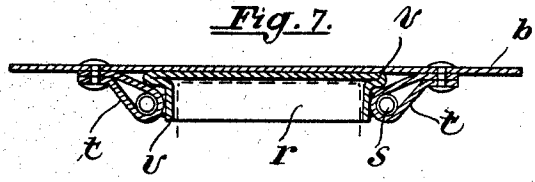


Fig. 8.

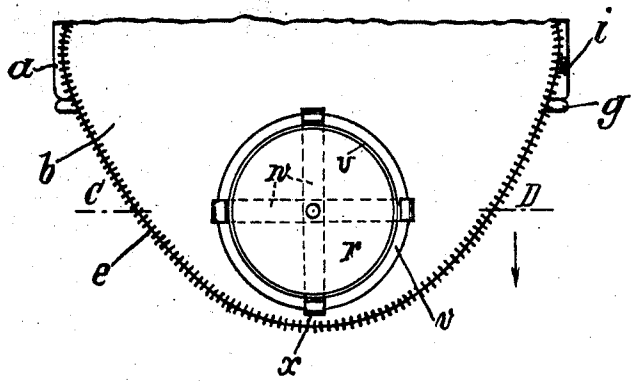
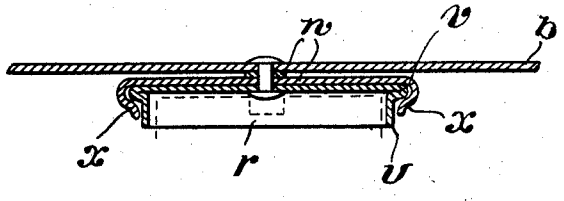


Fig. 9.



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QUICKLY READY POUCH FOR SNAPSHOT CAMERAS

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Application December 27, 1939, Serial No. 311,113
In Germany June 16, 1939

9 Claims. (Cl. 95—86)

This invention relates to a quickly ready pouch for cameras of any kind, especially for snap-shot cameras.

Quickly ready cases have become known which are made from hard leather and therefore not always suitable for being carried in a coat pocket or in a hand-bag and which mostly are not absolutely dust-proof. On the other hand cases are known which are adapted to be carried in the coat pocket and are also dust-proof, which, however, impede the exposing readiness, as the camera has to be taken out of the case for exposure.

The quickly ready pouch for snap-shot cameras according to the invention avoids all the above mentioned inconveniences. This pouch is characterised in that it is made of soft material such as soft leather and has a flap which on the front side can be approximately or completely unfolded down to the bottom of the pouch and also on the rear side down to a certain line. In this manner the object lens of the camera and also the finder on the front and on the rear side and the actuation knobs and the like are completely exposed. For the pouch a closure of any suitable type can be used, such as for instance a separable fastener. It is no longer necessary to remove the pouch from the camera, as the top end of the camera can be freed by one manipulation so that it is ready for exposure. The pouch itself is held together with the camera by a strap placed over the neck. At the bottom of the pouch another slot closed by a closure is made at the side, and by opening this slot the lateral portion of the bottom of the pouch can be folded down in order to allow the camera together with the pouch to be fixed on a tripod.

A quickly ready pouch for roll film cameras, especially snap-shot cameras is illustrated by way of example in the accompanying drawings, in which

Fig. 1 shows the case in front elevation,

Fig. 2 is an end view of the case,

Fig. 3 is a rear view,

Fig. 4 shows the case in front elevation, the flap being opened,

Fig. 5 is a rear elevation of Fig. 4,

Fig. 6 shows the flap from the inner side when the pouch is opened,

Fig. 7 is a cross-section on line A—B of Fig. 6,

Fig. 8 is a similar view as Fig. 6, but shows a modified form of construction,

Fig. 9 is a cross-section on line C—D of Fig. 8.

The pouch *a* is preferably made of soft leather, artificial leather or of any other suitable material. The pouch has on the front side a flap *b* which extends so far down that, after it is opened, the object lens *c* is uncovered for exposure. The flap *b* covers the upper portion *d* of the case *a* and extends towards the rear so far that when the flap *b* is opened not only the object lens but also the finder and range finder and other knobs for attending the elements of the photomechanism are uncovered from the front and from the rear. The flap *b* has preferably a separable fastener *e* or a sliding clasp fastener, by means of which the pouch *a* can be closed so that it is absolutely dust-proof. The flap *b* is preferably of elliptic or similar form so that the parts of the camera which are necessary for taking snap-shots are uncovered as soon as the flap is opened. Instead of a separable fastener any other fastener such as press buttons or the like may be employed. To render the closure dust-proof a projecting strap *f* may be provided on the corresponding part of the pouch. Near the bottom *g* of pouch *a* a second slit *h* is provided which is also closed by means of a separable fastener *i*. After this separable fastener *i* is opened, the lateral part of the bottom plate of the pouch can be folded down so that the tripod can be screwed into the usual bore in the bottom plate of the camera. Also in this instance it is not necessary to remove the pouch *a* from the camera. The eyes *m* to which the spring hooks *n* of the carrying strap *o* are attached extend through small holes in the side parts *l* of the case *a*. The pouch may be made from soft material, such as leather, artificial leather, canvas and the like. A hinge-like connection must be provided on the connecting line between the flap *b* and the pouch proper *a* and at other portions of the pouch which have to be bent. The edge of the flap *b* might be curved or straight as desired. The carrying eyes *m* could be fixed on the end walls *l* of the case and rings or the like might be substituted for the carrying eyes. Instead of the lateral slit *h* for uncovering the bore in the bottom of the camera for screwing-in the tripod, a nut might be screwed from below into the bore of the camera so that it extends through a hole in the bottom plate of the pouch. This nut serves further for securely holding the pouch on the camera.

For cameras with particularly high object lenses an extension *q* or the like of similar material as that of the pouch is sewn on the edge of the flap *b* so that it extends approximately perpendicular to the flap *b*. In this instance the separable fastener *e* is sewn on the edge of the

extension *q*. Sufficient space for a high object lens is hereby provided. A disc *k*, lid or the like is fixed on the inner side of flap *b*, which disc comes to bear on the object lens when the flap *b* is closed.

Instead of the disc *k* the closing lid of the object lens might be fixed or attached on the inner side of flap *b* so that it can be removed. The fixation means for this lid may be of such a shape that lids of different sizes may be fixed on the inner side of flap *b*.

As shown in Fig. 6 the fixation consists of an annular spring *s* wound in spirals and fixed on the inner side of flap *b* by means of hinged flaps *t* or the like. When the closing lid *r* is inserted the spiral-shaped annular spring *s* engages over the rim *u* and the projecting edge *v* of the lid. Closing lids *r* of different size can be securely held in this manner on the inner side of the flap *b* of the pouch *a*, as the holding spring *s* can expand in accordance with the diameter of the closing lid *r*. Instead of a spiral spring *s* an annular spring of a flat material or of material of circular cross-section or rubber may be used.

According to Fig. 8 the fixation consists of two intersecting flat springs *w* preferably connected the one with the other at the middle. The springs *w* are fixed on the inner side of flap *b*. When the lid *r* is inserted the bent up ends *x* of the springs *w* engage over the rim *v* of the lid. The ends of the springs are bent upwards so that between the same lids *r* of different diameter can be held. Before the flap is closed the lid *r* is placed on the object lens, whereupon the flap *b* is attached to the pouch *a* by means of the closure *e*. When the flap *b* of the pouch *a* is opened the lid *r* is removed at the same time from the object lens but remains in connection with the flap *b* so that it cannot get lost. Instead of springs, rubber rings or the like a leather ring might be fixed on the inner side of the flap for holding the lid *r*. This ring of leather may serve directly as closure for the object lens so that the lid *r* is omitted. In this instance the ring comes to bear on to the object glass when the flap *b* is being closed. Instead of a ring a disc of leather, rubber or the like may be provided.

The lid or disc may be fixed on the inner side of flap *b* by a rivet, screw or the like.

I claim:

1. A quickly ready pouch for snap-shot cameras, comprising in combination with the pouch having front, rear and bottom wall portions a flap on the front side of the pouch extending approximately to the bottom of the pouch, said flap constituting the top wall of the pouch and the upper portion of the rear wall thereof, said flap adapted to be folded back on the rear side of the pouch down to a certain line to uncover the object lens, the view finder and knobs and handles on the camera, and a separable fastener attaching said flap on the front side of the pouch.

2. A quickly ready pouch for cameras as specified in claim 1, in which the pouch has just above the bottom a slit extending from the front side to the rear side of the pouch, the portion of the pouch separated by this slit adapted to be folded down so that a tripod can be screwed into the bottom plate of the camera, and a separable fastener closing said slit.

3. A quickly ready pouch as specified in claim 1, comprising a device fixed on the inner side of said flap and destined to hold the cover of the object lens on the camera.

4. A quickly ready pouch for snap-shot cameras, as specified in claim 1, comprising in combination with the foldable flap hinge flaps fixed on the rear side of said flap, and a spirally wound spring held by said hinged flaps adapted to securely hold the cover of the object lens of the camera.

5. A quickly ready pouch for snap-shot cameras, as specified in claim 1, comprising in combination with the foldable flap hinged flaps fixed on the rear side of said flap, and an open ring spring of flat material adapted to securely hold the object lens.

6. A quickly ready pouch for snap-shot cameras, as specified in claim 1, comprising in combination with the foldable flap hinged flaps fixed on the rear side of said flap, and a circular spring of round cross-section.

7. A quickly ready pouch for snap-shot cameras, as specified in claim 1, comprising in combination with the foldable flap intersecting flat springs fixed on the rear side of said flap and engaging over the cover of the object lens to securely hold the same.

8. A quickly ready pouch for snap-shot cameras, as specified in claim 1, comprising in combination with the foldable flap intersecting flat springs with outwardly curved ends fixed on the rear side of said flap and engaging over the cover of the object lens to securely hold the same.

9. A quickly ready pouch for snap-shot cameras, as specified in claim 1, comprising in combination with the foldable flap a holding means for the cover of the object lens and fixed on the inner side of the flap and adapted to grip over the edge of the lid of the object lens to securely hold the same in position.

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