March 28, 1950 S. PERLIN 2,502,275

BRIEF CASE

Filed May 16, 1947

Fig. 1.

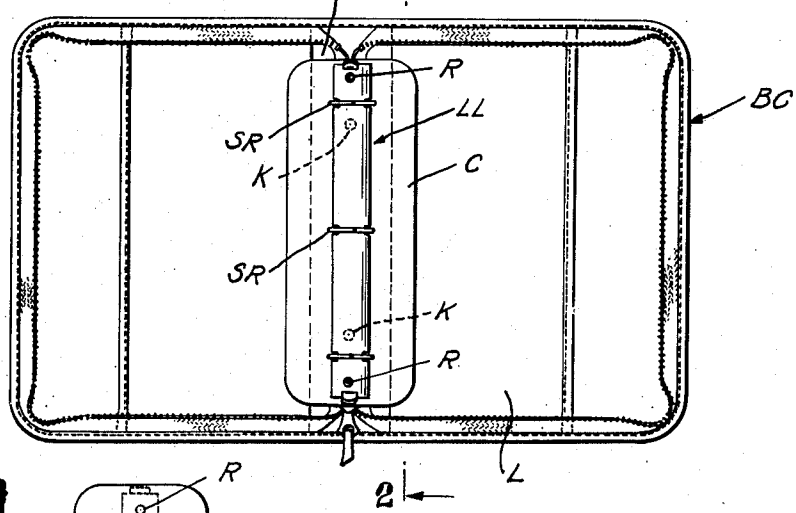


Fig. 2.

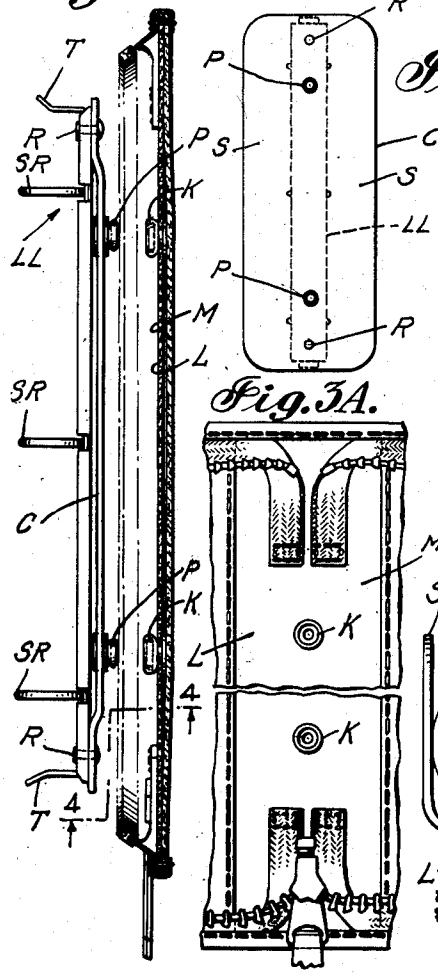


Fig. 3.

Fig. 3A.

Fig. 4.

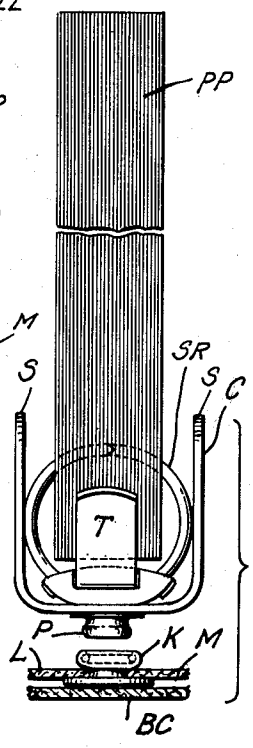
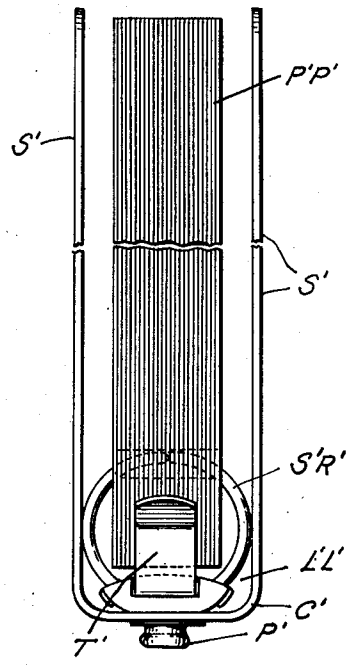


Fig. 5.



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BRIEF CASE

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6 Claims. (Cl. 150—1.6)

1

This invention is a serviceable and improved brief case adapted to interchangeably receive and detachably retain carrier means to which is permanently fastened a loose leaf binder. The primary object of the invention is realized in the provision of a flexible carrier constituting a link intervening the binder and brief case and permanently secured to the binder only and independent of complementary locking means detachably holding the carrier within and to the brief case. More particularly, another object resides in permanently securing the binder to a yieldable substantially U-shaped carrier only and disconnectibly securing the carrier within and to the brief case by complementary and disengageable snap fastener elements secured to the carrier and the lining of the brief case however independent of the means permanently securing the binder to the carrier only. Another important object is concerned with a new article of manufacture wherein the loose leaf binder is secured permanently along the medial or intermediate portion only of the flexible carrier having spaced snap fastener elements secured thereto but independent of the means securing the binder to the medial portion. Another object is to secure the loose leaf binder within the U-shaped flexible carrier having sides straddling the sides of the binder and adapted to be conveniently grasped and urged outwardly for separating the carrier or protector from the brief case. Another object comprehends prompt exchange or substitution of a carrier secured within the brief case by another binder sustaining carrier, that is, the invention provides for the utilization of interchangeable carriers of the type alluded to and severally cooperating with the same brief case, thus enhancing the utility of the latter although permitting convenient replacement of one carrier and its fully or partially loaded ring binder by another carrier with an empty or partially loaded binder. Another object contemplates the provision of a carrier disconnectibly associated with the brief case and constituting means for partially or fully covering the sheets of paper mounted on the binder. Other important objects and functional and structural features, advantages, and aspects of the invention will appear from the following detailed specification taken with the accompanying drawings wherein:

Fig. 1 is a plan view of the brief case according to my invention shown open and illustrating the loose leaf binder closed.

Fig. 2 is a transverse vertical sectional view

2

on the line 2—2 of Fig. 1, however showing the carrier disconnected from the medial portion of the brief case.

Fig. 3 is a rear view of the carrier.

Fig. 3A is a fragmentary and broken view of Fig. 1 depicting the brief case open and without the carrier.

Fig. 4 is a view taken on the line 4—4 of Fig. 2, and

Fig. 5 is a view showing the carrier illustrated in Fig. 4 however slightly modified.

Illustrative of the embodiments disclosed the brief case or container BC is provided with an inside and fixed lining L having the medial portion M to which is permanently fastened the spaced keepers or sockets K adapted to resiliently but removably retain and interlock with spaced posts P desirably and permanently secured to the medial zone of the flexible but relatively rugged and stiff carrier C to which is permanently fastened by the rivets R a conventional loose leaf ring binder generally denoted LL having spaced and split rings SR adapted to be opened or closed on actuating the end triggers T as is well understood.

More particularly the spaced posts P are permanently anchored to the flexible carrier C only and depend from the medial or intermediate portion thereof. The spaced keepers K are permanently secured to the inside medial portion of the lining L which is desirably fastened to the brief case in any well known manner. Posts and companion keepers K may be considered as pairs of complementary and disengageable snap fastening elements or members of the conventional type. The spaced posts or elements P are fixed to and depend from and are spaced longitudinally of the carrier C although permanently secured thereto independent of the spaced rivets R permanently anchoring binder LL to carrier C. These rivets as shown are near the ends of the ring binder LL. By the arrangement disclosed the carrier if held locked to and within the brief case by the complementary snap fastening elements may be readily detached by grasping the yieldable or flexible sides S (Fig. 4) and even the intermediate portion of the carrier and urging the latter in a direction away from the inside medial part of the brief case. This action unlocks snap fastening elements P and K to permit bodily lifting of the carrier and binder out of the brief case and more specifically away from the lining L. Of course the carrier or protector C may also be considered as an intervening link between the binder and the brief

case although as previously stated the binder is secured to the carrier only independent of the depending but spaced snap fastener elements P which in cooperation with the companion snap fastener elements K detachably retain the carrier to and within the brief case. In Fig. 4, the carrier C is shown detached from the brief case. By aligning the complementary snap fastener elements P over companion complementary snap fastener elements K, these elements as is well understood may be quickly interlocked, thus holding the carrier retained within the brief case and in all the forms disclosed the carrier or protector C is disposed longitudinally of and under the binder and preferably has its sides extending laterally of and straddling the latter.

With the expanded or tapered heads of the spaced posts P interlocked with the keepers K, the carrier is prevented from shifting relative to the lining and the triggers T may be conveniently operated to permit the insertion or removal of the sheets of paper PP on or from the rings SR.

Where these rings carry an ample load or stack of paper, the carrier may be quickly disengaged or separated from the lining L and another carrier C' of the type shown in Fig. 5 may be substituted and quickly snapped on the spaced keepers K.

In the form according to Figs. 3 and 4 the sides S of the carrier C which may be of a suitable leather or an imitation thereof slightly overlap and straddle the sides of the stack PP whereas in the embodiment according to Fig. 5 the sides or margins S' fully straddle, cover and protect the sides of the stack of paper P'P'. In other aspects the form of carrier shown in Fig. 5 is along the lines according to the form exhibited in Figs. 1–4 and corresponding parts have been primed although in all of the forms disclosed the sides or wings as S of the U-shaped flexible carrier or protector if held locked to the brief case, may be readily disengaged therefrom by grasping the sides thereof and applying a thrust in the direction away from the ling L, that is, the carrier to which the binder B is permanently secured by the spaced rivets R is "snapped off" the brief case. Conversely the carrier may be readily attached or "snapped on" the brief case. With the carrier attached to the brief case, the carrier is spaced from the medial part of the brief case and the carrier has its intermediate portion intervening the carrier and the medial part of the case. Also as disclosed the snap fastener elements P extend in part below the intermediate part of the carrier while the snap fastener elements K project in part above the medial portion of the brief case.

Various changes may be made in details of construction and arrangement of parts without departing from the spirit of the invention or sacrificing any of the advantages thereof inherent therein.

I claim:

1. In combination, a brief case having an inside medial portion, a loose leaf ring binder for detachably holding a stack of sheets, a flexible carrier underneath said binder and having sides extending laterally of the latter for straddling the sides of said stack, means permanently securing said binder to said carrier only, and spaced complementary detachably associated snap fastening means independent of said means permanently securing said binder to said carrier only and secured to said carrier and said medial portion.

2. In combination, a brief case having an inside medial portion, a binder spaced from said medial portion, a U-shaped flexible carrier having an intermediate portion arranged underneath said binder to intervene the latter and said medial portion and including yieldable sides extending laterally of said binder for straddling the latter, means permanently fastening said binder to said intermediate portion only, a snap fastener element secured to said intermediate portion and in part extending towards said medial portion, and a snap fastener element complementary to said first mentioned element and carried by said medial portion and projecting in part towards said intermediate portion for detachably interlocking with said first mentioned snap fastener element and said snap fastener elements being independent of said means permanently fastening said binder to said intermediate portion only.

3. In combination, a brief case having a lining including an inside medial portion, a loose leaf binder for supporting a stack of sheets and spaced from said medial portion, a U-shaped flexible carrier having an intermediate portion contiguous to said medial portion and disposed underneath said binder to intervene the latter and said medial portion and including yieldable sides extending laterally of said binder for straddling said stack, rivet means extending through said binder for permanently fastening the latter near the ends of said intermediate portion only, snap fastener elements independent of said rivet means and secured to said intermediate portion and in part extending towards said medial portion, and snap fastener elements also independent of said rivet means and complementary to said first mentioned elements and carried by said medial portion only and in part projecting towards said intermediate portion for detachably interlocking with said first mentioned snap fastener elements, said sides and intermediate portion in the locked relation of said snap fastener elements adapted to be grasped and bodily urged in a direction away from said medial portion for automatically unlocking said elements for separating said carrier from said medial portion to permit bodily lifting of said carrier and binder out of said brief case.

4. In combination, a brief case having an inside medial portion, a loose leaf binder spaced from said medial portion, a U-shaped flexible carrier having an intermediate portion disposed contiguous to said medial portion and arranged underneath said binder to intervene the latter and said medial portion and including yieldable sides extending laterally of said binder for straddling the latter, rivet means spaced longitudinally of said binder and disposed near the ends of the latter and extending therethrough for permanently fastening said binder only to corresponding ends of said intermediate portion, spaced snap fastener elements independent of and between said rivet means and secured to said intermediate portion and in part extending towards said medial portion, and spaced snap fastener elements also independent of said rivet means and complementary to said first mentioned elements and carried by said medial portion and in part projecting towards said intermediate portion for detachably interlocking with said first mentioned snap fastener elements.

5. As a new article of manufacture, a loose

leaf binder, a U-shaped flexible carrier having an intermediate portion arranged underneath said binder and including yieldable sides extending laterally of said binder for straddling the latter, means permanently fastening said binder to said intermediate portion only, and snap fastener elements independent of said means permanently fastening said binder to said intermediate portion only and secured to said intermediate portion and in part extending below the latter.

6. As a new article of manufacture, a loose leaf binder, a U-shaped flexible carrier having an intermediate portion arranged underneath said binder and including yieldable sides extending laterally of said binder for straddling the latter, rivet means spaced longitudinally of said binder and disposed near the ends of the latter and extending therethrough for permanently fastening said binder to corresponding ends of said intermediate portion only, and spaced snap fastener elements independent of said rivet means and secured to said intermediate portion and in part extending below the latter.

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