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(54) Container for filing sheets removed in a block from a loose-leaf binder.

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Description

This invention relates to a container for filing sheets removed in a block from a loose-leaf binder.

A type of handle is known which has a U shape formed by small metal tubes joined at one end by a crosspiece that makes it possible to remove from a loose-leaf binder the entire block of sheets in their order to file them.

In said handle is inserted a plastic fastener also having a U shape that serves to bind the block of sheets to be able to file it.

From the German patent DE 882087 it is known a container for filing sheets removed in a block from a loose-leaf binder, comprising an envelop similar to that of a loose-leaf binder, but without mechanical elements for holding the sheets, envelope that can be extended in a plane in the form of a rectangular sheet, a closing fastener and an U-shaped handle to remove the block of sheets from the loose-leaf binder.

The container according to the present invention differs from said known German patent, being characterized in that said rectangular sheet, realized in cardboard, corrugated cardboard, plastic or other flexible material, comprises a pair of holes at a standardized reciprocal distance and close to each smaller side of said rectangular sheet, in order to receive said known closing fastener comprising flexible plastic branches and used with said known U-shaped metal handle to perform the removal in block of sheets from the loose-leaf binder and to transfer it to the container, the latter being closed at least in its front and back flexible sides adherent to the block of sheets in order to occupy the minimal volume in view of its file.

The container according to the invention makes it possible to protect said block of sheets from dust, moisture and possibly other damages during the long period of lying in the file.

The accompanying drawings represent a preferred, nonlimiting and nonbinding embodiment of the container in question.

Figures 1 to 6 represent the successive phases of removal of the block of sheets from the loose-leaf binder and insertion in the container, object of the invention.

Figures 7 to 9 represent some variants.

With reference to the drawings:

Fig. 1 shows the loose-leaf binder 1 open, with elements for holding sheets 2, 2'-3, 3' also open.

To remove the entire block 4 of sheets from loose-leaf binder 1 without danger of their getting out of their perfect order, in a known way the lower ends of small metal tubes 5', 5" of fork 5, also known, are slipped on free ends 2, 2' of said holding element, and the entire block of sheets 4 is

made to slide on tubes 5', 5" in the direction of arrow 6.

When block 4 has been removed from loose-leaf binder 1, it is turned upside down (fig. 2), of course, also turning fork 5, 5', 5" upside down, and the entire unit is transferred under container 7, 7', 7", 7"' (fig. 2), object of the invention, by slipping, according to arrow 8, the two metal tubes 5', 5" of fork 5 into holes 9, 9' of container 7 and then slipping the two flexible plastic branches 11', 11" of fastener 11 in the two metal tubes 5', 5" of fork 5.

The entire unit (fig. 4) is turned upside down and fork 5 is removed from the fastener according to arrow 13, thus leaving the two flexible branches 11', 11" of the fastener itself free.

Holes 10, 10" are introduced (fig.5) onto flexible branches 11', 11" of fastener 11, then clip 14 is inserted on the two branches 11', 11" and the excess parts of the two branches 11', 11" (fig. 6) are bent under brackets 15', 15" to close the fastener.

Returning to figure 3, container 7, according to the invention, consists of an envelope 7 of cardboard, corrugated cardboard, plastic or any other flexible material of a shape similar to that of loose-leaf binder 1 (fig.1) but without mechanical elements 2,2' - 3, 3' for holding the sheets. The envelope can be extended in a plane in the form of a rectangular sheet or plate, as illustrated in figure 3, and exhibits a pair of holes 9, 9' - 10, 10' at standardized reciprocal distance, i.e., of the holes of loose-leaf binder 1 (fig. 1) close to each smaller side (AB or CD) of the rectangle.

Since the cardboard 7', 7", 7"' (fig. 3) and in particular the back side 7"' are made in flexible material (cardboard, corrugated cardboard, plastic etc.) the container can be closed adherent to the block of sheets, in order to occupy the minimal volume in view of its file.

Figure 7 shows a variant according to which face 7' of the container exhibits on top and extension 7a, 7b, 7c, that can be folded like a cover (figure 8) to protect the contents from dust. Tongue 7c is inserted in the slot 16 made in face 7" of the container itself.

The shape of the container and the material from which it is made, compatible with what has been claimed can vary without going outside the scope of protection of the invention.

Claims

1. Container for filing sheets removed in a block (4) from a loose-leaf binder, comprising an envelope (7) similar to that of a loose-leaf binder but without mechanical elements for holding the sheets, envelope that can be ex-

tended in a plane (7', 7'', 7''') in the form of a rectangular sheet, a known closing fastener (11) and a known U-shaped handle (5), characterized in that said rectangular sheet, realized in cardboard, corrugated cardboard, plastic or other flexible material, comprises a pair of holes (9, 9' and 10, 10') at a standardized reciprocal distance and close to each smaller side (AB, CD) of said rectangular sheet, in order to receive said known closing fastener (11), comprising flexible plastic branches (11', 11'') and used with said known U-shaped metal handle (5, 5', 5'') to perform the removal in block of sheets from the loose-leaf binder and to transfer it to the container, the latter being closed at least in its front and back flexible sides adherent to the block (4) of sheets in order to occupy the minimal volume in view of its file.

2. Container according to claim 1, characterized by folding extension (7a, 7b, 7c), of a face (7') of envelope (7) at its top, an extension provided with a tongue (7c) that can be inserted into a slot (16) made in the other face (7'') of the envelope itself, to protect its top (7a), like a cover, preventing the entry of dust.

Patentansprüche

1. Behälter zum Einordnen von Bögen (4), die in Blockform aus einem Ordner (1) für lose Blätter herausgenommen wurden, umfassend einen Umschlag (7) ähnlich dem eines Ordners für lose Blätter, aber ohne mechanische Elemente zum Halten der Bögen, wobei der Umschlag in einer Ebene (7', 7'', 7''') in Form eines rechteckigen Bogens ausgebreitet werden kann, einen an sich bekannten Verschluss (11) und einen an sich bekannten U-förmigen Handgriff (5), dadurch gekennzeichnet, daß der rechteckige Bogen, der aus Pappe, Wellpappe, Kunststoff oder anderem flexiblem Material besteht, ein Paar Löcher (9, 9' und 10, 10') in standardisiertem gegenseitigem Abstand und nahe jeder kürzeren Seite (AB, CD) des rechteckigen Bogens aufweist, um den bekannten, flexible Kunststoffzweige (11', 11'') umfassenden Verschluss (11) aufzunehmen, der mit dem bekannten U-förmigen Handgriff (5, 5', 5'') verwendet wird, um das blockförmige Herausnehmen der Bögen aus dem Ordner für lose Blätter durchzuführen und sie zu dem Behälter zu transferieren, wobei letzterer wenigstens an seinen flexiblen Vorder- und Rückseiten anliegend an den Bogenblock (4) geschlossen wird, um aus Sicht der Ablage das kleinstmögliche Volumen zu beanspruchen.

2. Behälter nach Anspruch 1, gekennzeichnet durch eine faltbare Verlängerung (7a, 7b, 7c) am oberen Ende einer Fläche (7') des Umschlags (7) wobei die Verlängerung mit einer Zunge (7c) versehen ist, die in einen in der anderen Fläche (7'') des Umschlags selbst ausgebildeten Schlitz (16) eingeführt werden kann, um dessen Oberseite (7a) wie eine Abdeckung zu schützen, wodurch das Eindringen von Staub verhindert wird.

Revendications

1. Réceptacle pour classer des feuilles retirées en bloc (4) d'un classeur à feuillets mobiles, comprenant une enveloppe (7) analogue à celle d'un classeur à feuillets mobiles mais sans éléments mécaniques de maintien des feuilles, ladite enveloppe pouvant être étendue en plan (7', 7'', 7''') en ayant la forme d'une feuille rectangulaire, une attache de fermeture connue (11) et une poignée connue en forme de U (5), caractérisé en ce que ladite feuille rectangulaire, réalisée en carton, carton ondulé, matière plastique ou autre matériau flexible, comprend deux ouvertures (9, 9' et 10, 10') disposées à une distance standardisée l'une de l'autre et qui sont proches de chaque petit côté (AB, CD) de ladite feuille rectangulaire, de façon à recevoir ladite attache de fermeture connue (11) qui comprend des branches en matière plastique flexible (11', 11'') et qui est utilisée avec ladite poignée métallique connue en forme de U (5, 5', 5'') pour effectuer le retrait en bloc de feuilles depuis le classeur à feuillets mobiles et les transférer au réceptacle, ce dernier étant fermé au moins sur ses côtés flexibles avant et arrière qui adhèrent au bloc (4) de feuilles, de façon à occuper un volume minimal pour son classement.
2. Réceptacle selon la revendication 1, caractérisé par un prolongement repliable (7a, 7b, 7c) à l'extrémité supérieure d'une face (7') de l'enveloppe (7), ce prolongement comportant une languette (7c) qu'on peut introduire dans une fente (16) ménagée dans l'autre face (7'') de l'enveloppe elle-même, pour protéger sa partie supérieure (7a) à la façon d'un couvercle en empêchant l'entrée de la poussière.

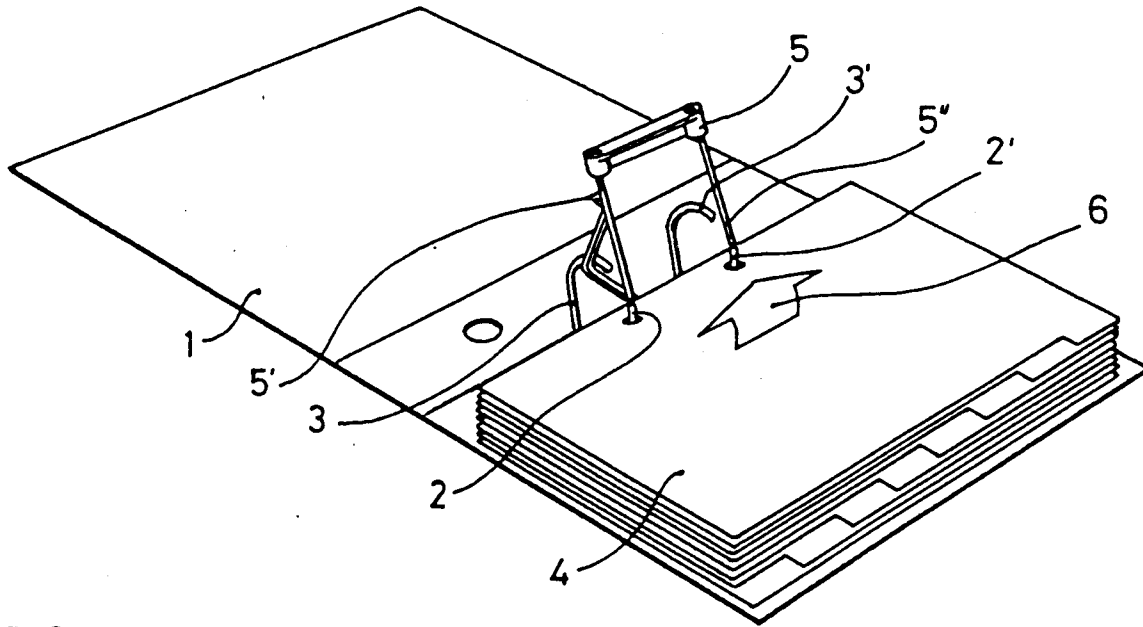


FIG. 1

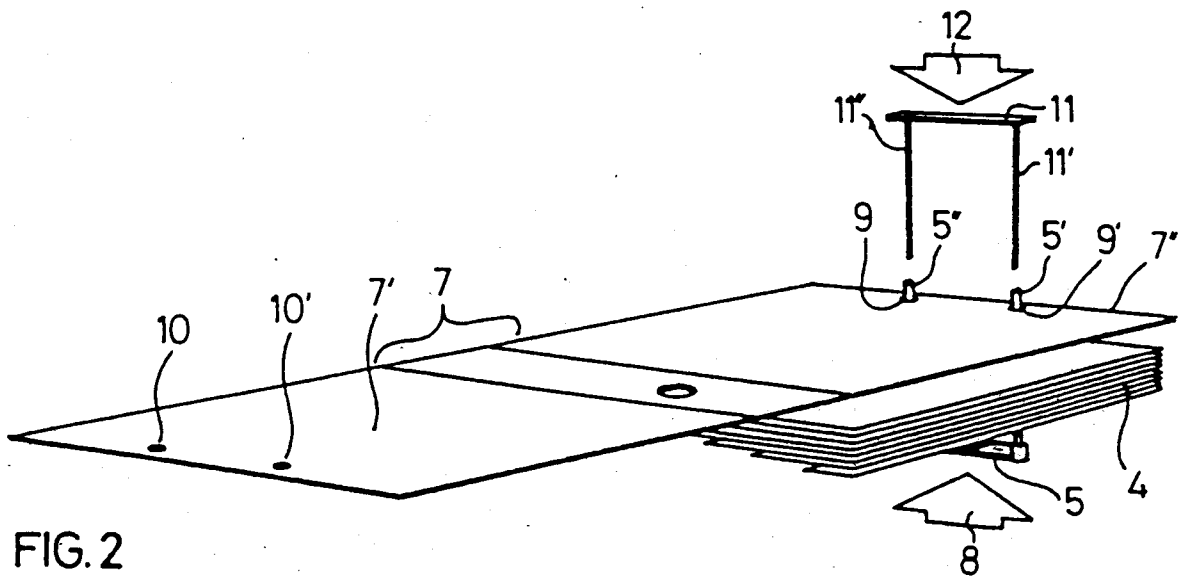


FIG. 2

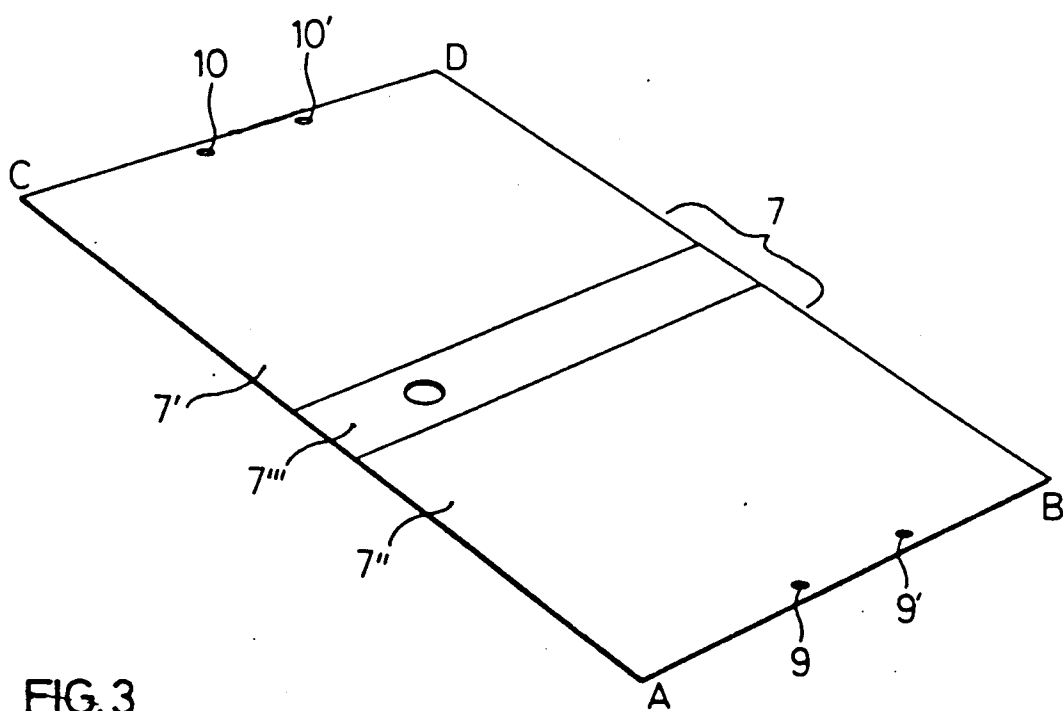


FIG. 3

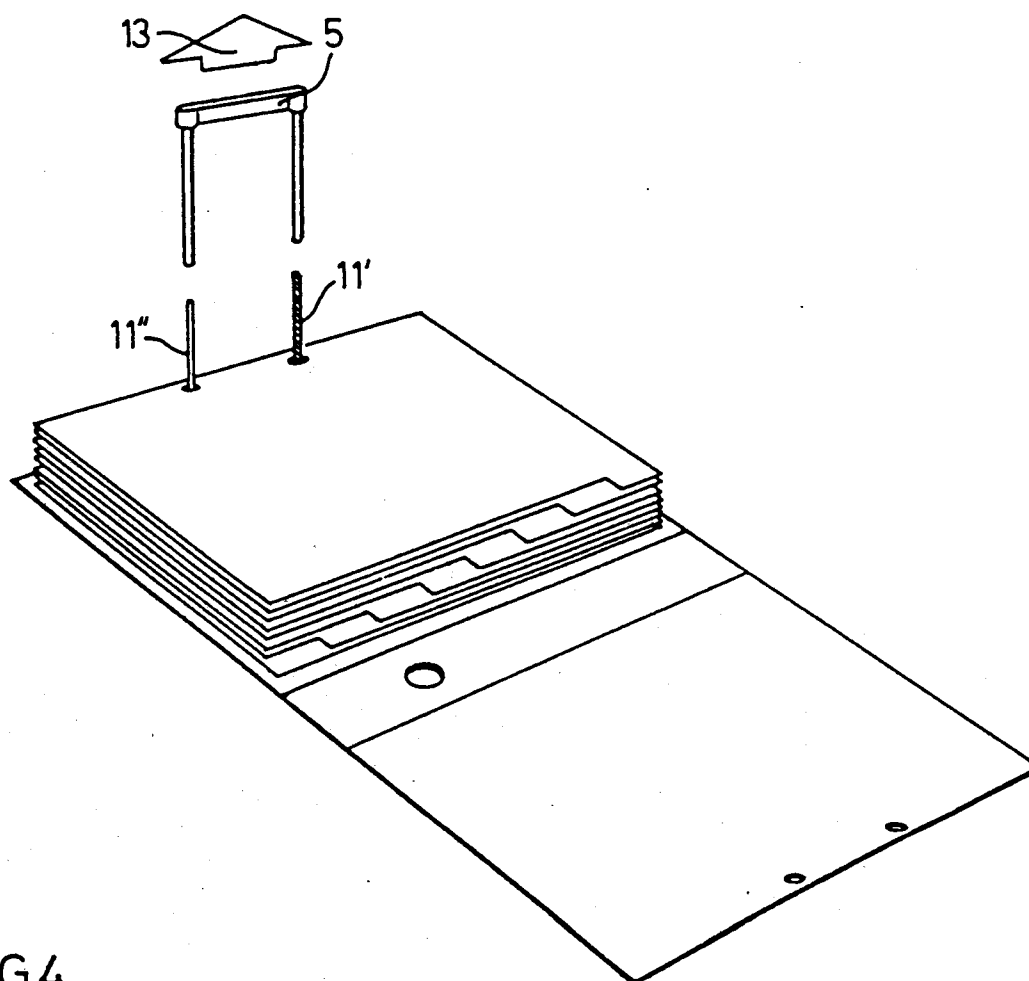


FIG. 4

