

(12) UK Patent Application (19) GB (11) 2 191 734 (13) A

(43) Application published 23 Dec 1987

(21) Application No 8614761

(22) Date of filing 17 Jun 1986

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(51) INT CL⁴
B42F 3/00

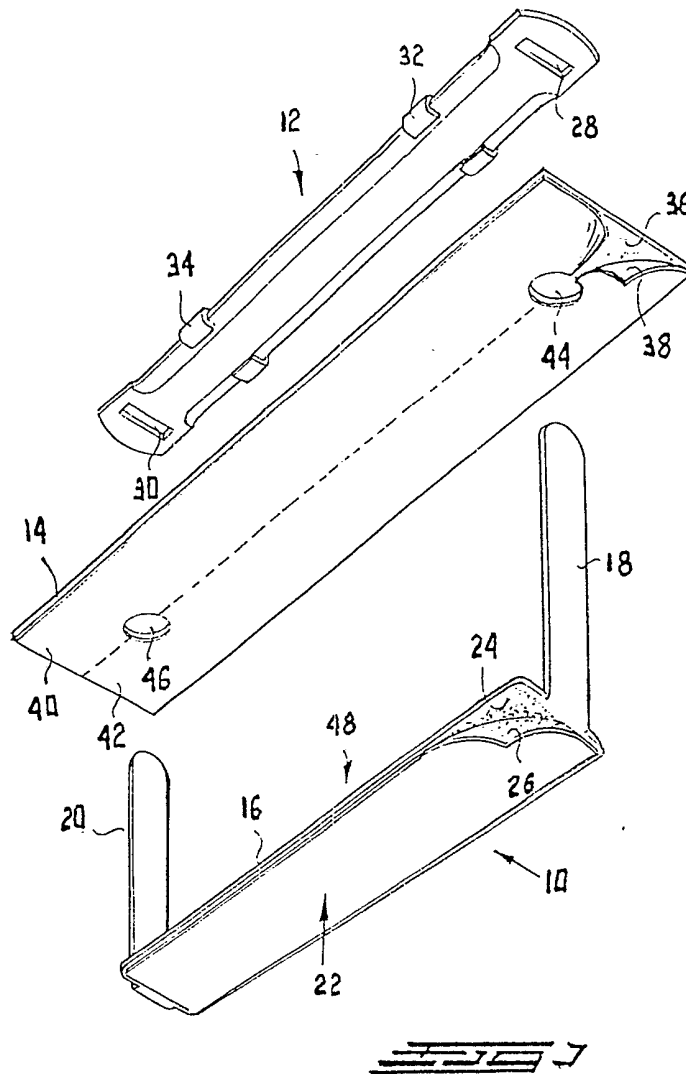
(52) Domestic classification (Edition I)
B6E C111 CD

(56) Documents cited
GB 1421833 GB 0251092
GB 1375975 US 3641632
GB 0276259

(58) Field of search
B6E
Selected US specifications from IPC sub-class B42F

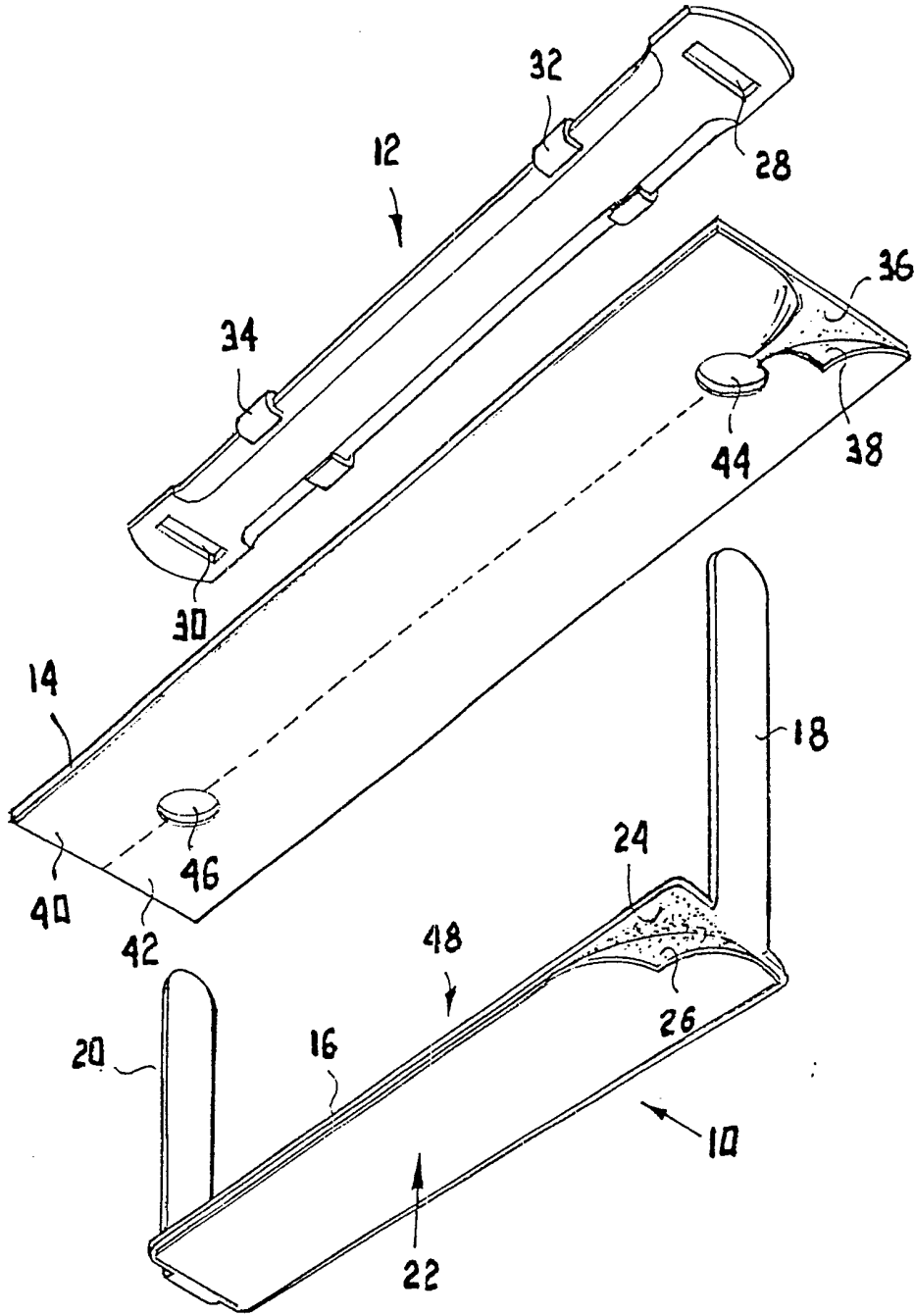
(54) Grip binders

(57) A grip binder which has a holder (10) with a base (16) and at least one arm (18,20) and a cover piece (14) with a hole (44,46) through which the arm (18,20) passes, the cover piece (14) being adhesively engageable with a surface on which the base (10) is located.

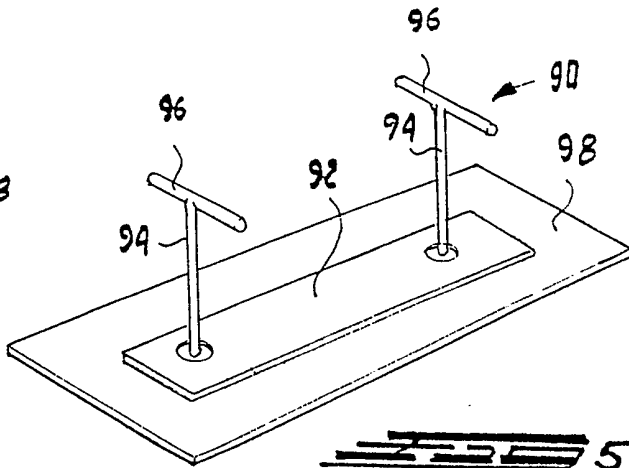
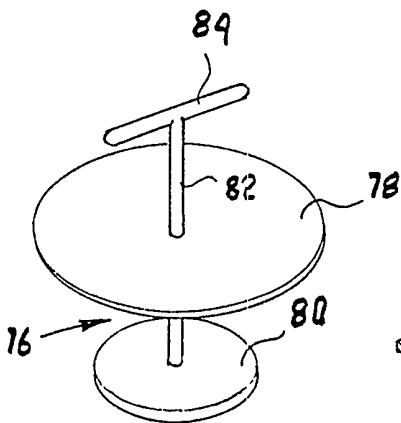
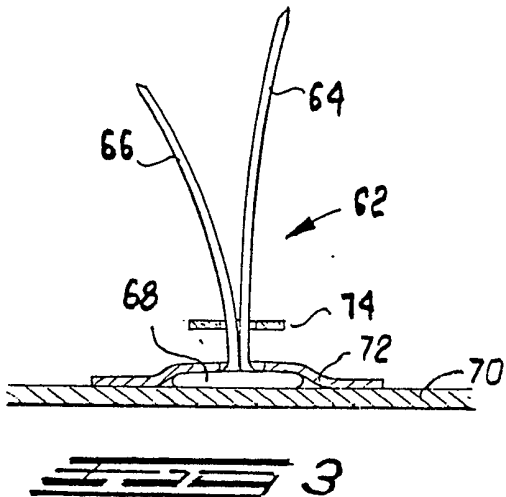
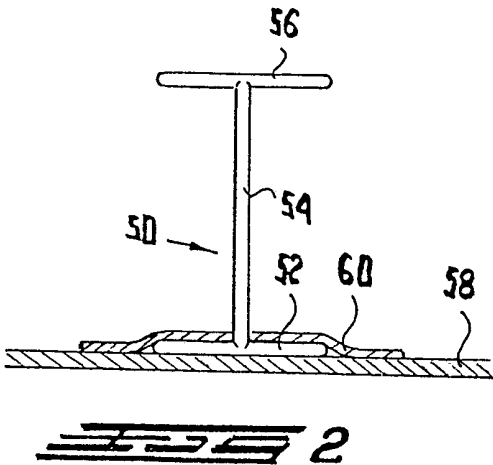


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SPECIFICATION

Grip binders

- 5 This invention relates to a grip binder of the kind used for example with a file cover so that correspondence and documentation can be releasably retained inside the file cover.
- One type of grip binder used to date has a base
- 10 with at least one upstanding arm which is passed through a respective hole form in the file cover itself. It is found in use that the base, which is normally metallic, can scratch underlying support surfaces or cut a user and, when many documents are secured to
- 15 the arms, the file cover is prone to tear and the grip binder comes away from the file cover.
- It is an object of the present invention to provide an improved grip binder.
- The invention provides a grip binder which
- 20 includes a holder and a cover piece, the holder including a base and at least one arm which extends from the base, the cover piece being formed with at least one hole through which the arm passes and including at least one adhesive portion which at least
- 25 partly overlaps the base and which is adhesively engageable with a surface which is adjacent the base.
- Preferably the adhesive portion overlaps the base on all sides i.e. the adhesive portion surrounds the
- 30 base.
- The adhesive portion may adhesively engage the upper side of the base. The underside of the base may itself be adhesive, or have an adhesive coating.
- The holder may be made from any suitable
- 35 material, plastics or metallic so that each arm is bendable or flexible. The adhesive underside of the base may have a removable protective covering.
- The adhesive portion of the cover piece may also have a removable protective covering.
- 40 The cover piece may include a flexible piece of sheet material with at least one hole which is located generally on a central axis of the sheet material, one surface of the sheet material including an adhesive coating with a removable protective covering over
- 45 the adhesive coating.
- The sheet material may be of any suitable material, including plastics or paper. A suitable material is that sold under the trade name TYVEK. The cover piece may form part of a roll of cover pieces and may be
- 50 detachable from the roll e.g. along a line of weakness such as a perforated line.
- In one form of the invention the holder includes at least one flexible arm which terminates in a cross bar. With this form of the invention the base may
- 55 itself be formed by a similar cross bar. Preferably, though, the base is generally circular. In another form of the invention the base is elongate and includes two upstanding flexible arms each of which may terminate in a cross bar.
- 60 The invention also provides a method of securing a grip binder to a surface, the grip binder including a base and at least one arm extending from the base, the method including the steps of locating the base on the surface, locating a cover piece over the base,
- 65 each arm of the grip binder passing through a

respective hole in the cover piece, and adhesively engaging the cover piece with the surface adjacent the base, and preferably on a portion which surrounds the base.

- 70 The base may itself be adhesively engaged with the surface, and with the cover piece.
- The invention is further described by way of examples with reference to the accompanying drawings in which:
- 75 *Figure 1* is a perspective view, in exploded form, illustrating the manner in which a grip binder according to one form of the invention is used, and *Figures 2 to 5* illustrate the use of grip binders according to other variations of the invention.
- 80 *Figure 1* illustrates from the underside the manner in which a grip binder according to a first form of the invention is used. The grip binder includes a holder 10, a retaining piece 12, and a cover piece 14.
- The holder 10 is made from thin sheet metal which
- 85 is bendable and includes a base 16 and two arms 18 and 20 respectively which extend from the base. The underside 22 of the base has an adhesive coating 24 which is covered with a removable protective covering 26 of paper.
- 90 The retaining piece 12 is made from a similar metal and includes two holes 28 and 30 which correspond in size and spacing to the arms 18 and 20, the arms being in use passed through the holes, and two slidable catches 32 and 34 located on the retaining
- 95 piece between the holes.
- The cover piece 14 is made from a strong flexible material such as that sold under the trade mark TYVEK and one surface thereof is coated with an adhesive 36. This surface has an overlying
- 100 removable protective covering 38 consisting of two pieces 40 and 42 respectively. Holes 44 and 46 are formed through the cover piece, substantially on a central axis of the cover piece and correspond to the holes 28 and 30 in the retaining piece 12. The cover
- 105 piece 14 can be provided in roll form and be detached from the roll when desired. The respective cover pieces of the roll can be connected to each other along lines of weakness, for example lines of perforations.
- 110 In use of the grip binder the protective covering pieces 40 and 42 are peeled from the cover piece 14 thereby exposing the adhesive surface 36. The holder 10 is engaged with the cover piece by passing the arms 18 and 20 through the holes 44 and 46
- 115 respectively so that the upper surface of the base 16 is adhesively engaged with the adhesive surface 36. The protective covering 26 is then peeled from the underside of the base exposing the adhesive coating 24.
- 120 The dimensions of the cover piece 14 exceed the dimensions of the base 16; thus the adhesive underside 22 of the base is surrounded by an adhesive marginal portion formed by the overlapping adhesive coating 36. The assembly can
- 125 then be adhesively secured in any desired position for example on a wall, table top or any other location, although it will normally be secured on the inside of a file cover. The orientation of the assembly can also be varied according to the requirement.
- 130 The grip binder is then ready for immediate use.

Punched documents are located over the upstanding arms 18 and 20 in the normal manner and the retaining piece 12 is then engaged with the arms.

Thereafter the arms are folded inwardly towards one another, overlying the retaining piece, and the catches 32 and 34 are moved to and fro to secure the arms in position in the folded state.

The advantage lies in the fact that by virtue of the adhesive cover piece 14 which extends over a fairly substantial area the grip binder is strongly secured in position and will not tear free in normal use. In addition because the adhesive force is spread over a large area the stress on the file cover or other surface to which the cover piece is secured is reduced and damage to the support surface is unlikely. Another point is that the file cover is not weakened by forming holes through it. The grip binder can also be used in any desired orientation and will for example strongly support documents secured to a vertical surface such as a wall surface.

Figure 2 illustrates a second form of the invention. In this instance the holder 50 consists of a cross bar shaped base 52, and a flexible arm 54 which is terminated in a cross bar 56. The arm may consist of a fibrous material with the cross bars being formed by crimping metallic sleeves to the ends of the material. The holder is secured to any desired surface 58 by means of an annular cover piece 60 which is adhesively engaged with the surface surrounding the base 52. In use documents are engaged with the grip binder simply by threading the cross bar 56 and arm 54 through holes punched in the documents.

In Figure 3 the holder 62 is metallic and includes two arms 64 and 66 which extend upwardly from a circular base 68 which is adhesively secured to a surface 70. An annular cover piece 72 is again used.

This cover piece surrounds the base 68 and is adhesively engaged with the upper surface of the base and with the area surrounding the base.

A retaining piece 74 is passed over the arms and is used to keep documents pressed down on to the surface 70 when the arms 64 and 66 are folded over in opposite directions.

The grip binder shown in Figure 4 includes a holder 76 which is moulded from a flexible plastics material and an annular cover piece 78 which is threaded on to the holder. The holder has a circular base 80 with an adhesive underside which is covered with a removable protective covering, similar to that shown in Figure 1. A flexible arm 82 extends from the base and terminates in an integral cross bar 84. The cross bar can be bent sideways so that it is aligned more or less with the arm to allow the cover piece to be threaded over the arm. The cover piece, in use, adhesively engages the upper side of the base, and the surface surrounding the base.

In the Figure 5 embodiment the holder 90 is again moulded from a plastics material and has an elongate base 92 with two upstanding arms 94 each of which terminates in a cross bar 96. The cover piece 98 is similar to the cover piece 14 shown in Figure 1. The underside of the base 92 is also adhesive, and has a removable protective covering over it. This binder is used in a similar way to the binder of Figure

4.

In each embodiment the same advantages are displayed, namely a strong form of secural is provided for the grip binder, which minimizes the likelihood of the binder becoming detached and reduces the possibility of accidental damage, and which allows the binder to be secured to practically any surface.

75 CLAIMS

1. A grip binder which includes a holder and a cover piece, the holder including a base and at least one arm which extends from the base, the cover piece being formed with at least one hole through which the arm passes and including at least one adhesive portion which at least partly overlaps the base and which is adhesively engageable with a surface which is adjacent the base.

2. A grip binder according to claim 1 wherein the adhesive portion surrounds the base.

3. A grip binder according to claim 1 or 2 wherein the adhesive portion adhesively engages the upper side of the base.

4. A grip binder according to any one of claims 1 to 3 wherein the underside of the base is adhesive.

5. A grip binder according to claim 4 which includes a removable protective covering over the adhesive underside of the base.

6. A grip binder according to any one of claims 1 to 5 which includes a removable protective covering over the adhesive portion of the cover piece.

7. A grip binder according to any one of claims 1 to 6 wherein each arm is flexible or bendable.

8. A grip binder according to any one of claims 1 to 7 wherein the cover piece includes a flexible piece of sheet material with at least one hole which is located generally on a central axis of the sheet material, one surface of the sheet material including an adhesive coating.

9. A grip binder according to any one of claims 1 to 8 wherein the cover piece forms part of a roll and is detachable from the roll along a line of weakness.

10. A grip binder according to any one of claims 1 to 9 wherein at least one arm of the holder terminates in a cross bar.

11. A grip binder according to any one of claims 1 to 10 wherein the base of the holder includes a cross bar at one end of an arm.

12. A grip binder according to any one of claims 1 to 10 wherein the base is generally circular.

13. A grip binder according to any one of claims 1 to 10 wherein the base is elongate and includes two upstanding flexible arms.

14. A grip binder substantially as hereinbefore described with reference to and as illustrated in Figure 1, or Figure 2, or Figure 3, or Figure 4, or Figure 5, of the accompanying drawings.