

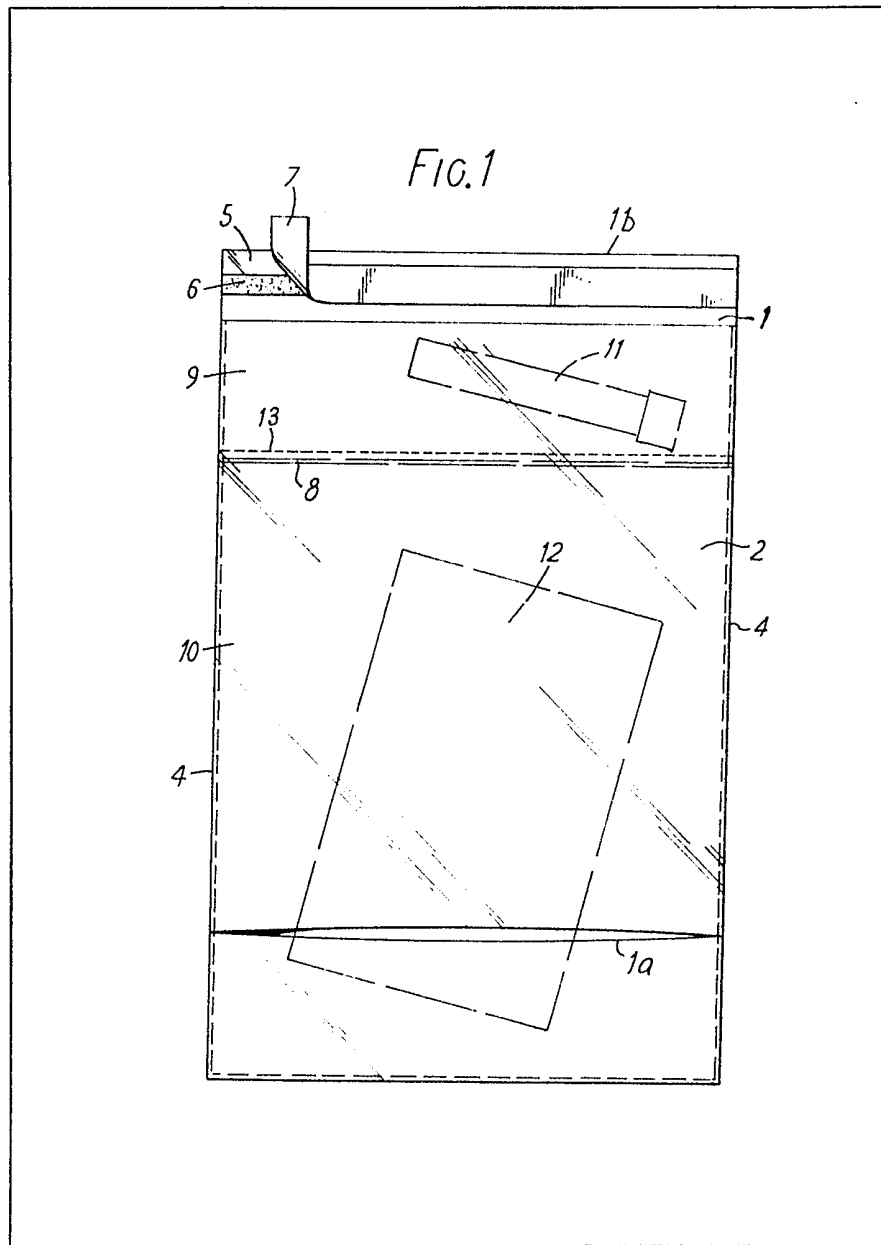
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(54) Blood bag

(57) A bag to receive a container 11 e.g. for a blood sample and a form 12 carrying information about the sample comprises a front sheet 2 and a backing sheet 1 folded over at one side with its folded edge 1a positioned closely adjacent to one edge of the

front sheet to form a pocket open between adjacent edges, and at the other side edge extending beyond the front sheet to form a flap 5 with a line of adhesive 6. The front sheet is heat sealed to the backing sheet at the top and the bottom edges 4 and a further heat seal 8 provides a compartment 9 to receive the container and a compartment 10 to receive the form.



GB 2 081 215 A

FIG. 1

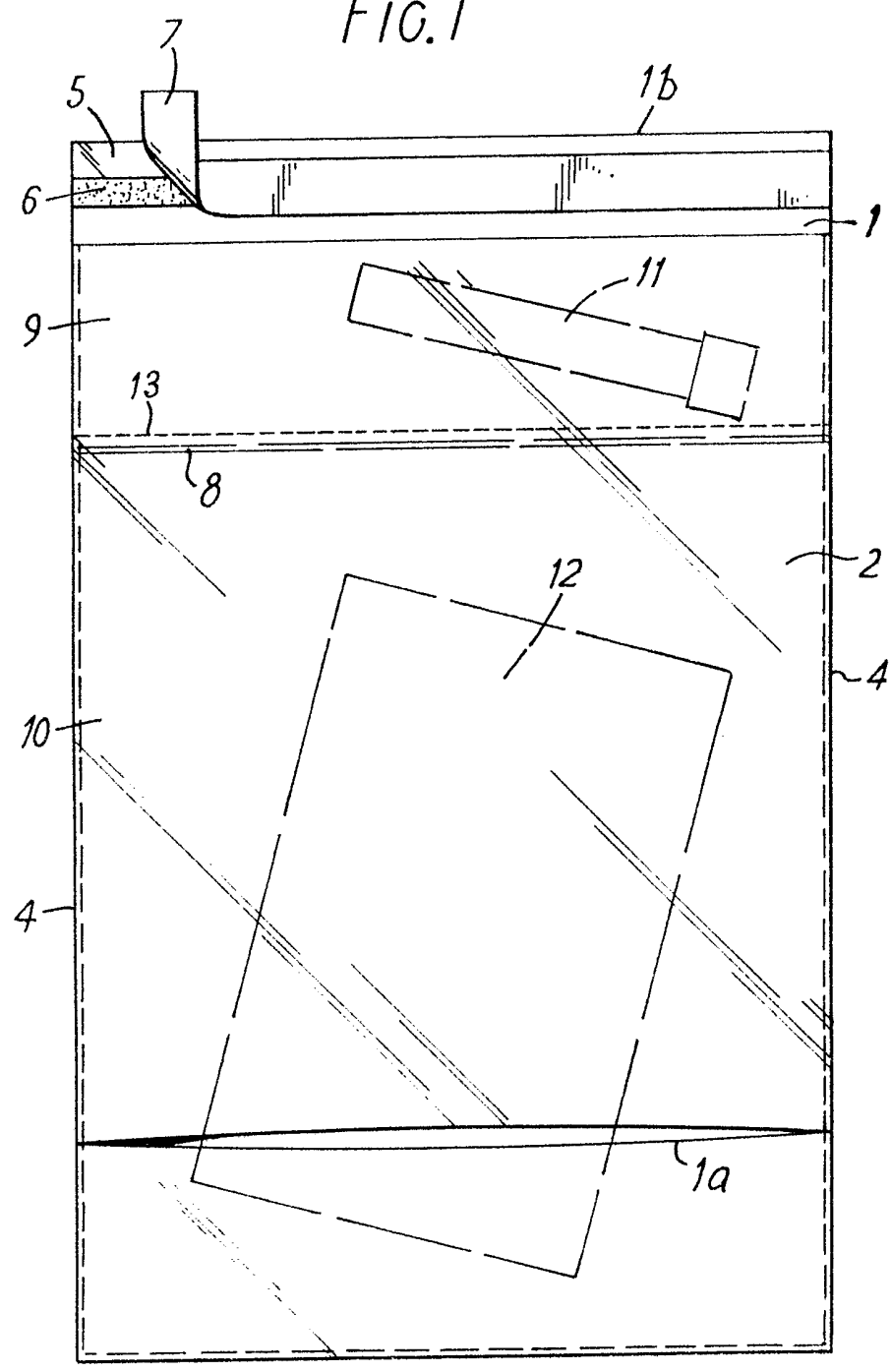
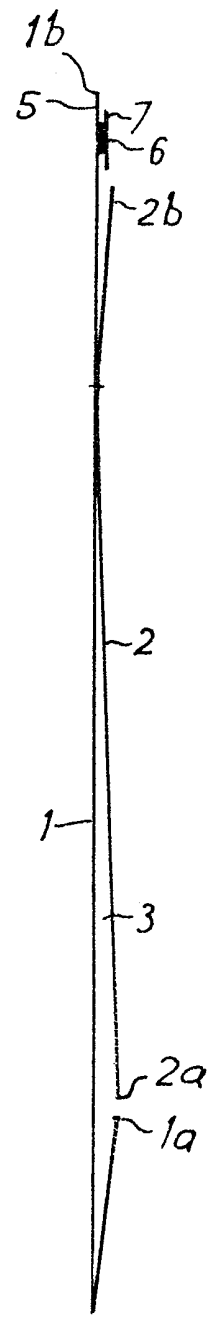


FIG. 2



SPECIFICATION

Improvements in or relating to bags

This invention has reference to bags and has particularly reference to bags suitable for use, more especially in hospitals, to receive a container for blood or other sample material from a patient, and to contain as well a form on which information about the patient or about the sample is recorded.

It is an object of the present invention to provide an improved construction of bag.

It is another object of the invention to provide an improved construction of bag more especially for use in hospitals to contain a blood or other sample and contain a form.

According to the present invention a bag primarily intended to receive a container for blood or other sample and a form comprises a front sheet and a backing sheet folded over at one side with its folded edge positioned closely adjacent to one edge of the front sheet to form a pocket open between the adjacent edges and at the other side edge extending beyond the front sheet to form a flap and this flap having a line of adhesive applied to it and the front sheet being heat sealed to the backing sheet at its top and bottom edges and a further heat seal is provided between the top and bottom edges to provide a compartment to receive the container and a separate compartment to receive the form.

A bag in accordance with the present invention will now be described by way of example with reference to the accompanying drawings, wherein: Fig. 1 is a plan view of a bag and Fig. 2 is a sectional view of the bag.

Referring to Figs. 1 and 2 of the drawings there is shown a bag composed of transparent plastics material formed from two sheets of such material one constituting a backing sheet and the other constituting a front sheet 2. The backing sheet is folded over at one side as shown at the bottom of Figs. 1 and 2 with its folded edge 1a positioned closely adjacent to one edge 2a of the front sheet 2 to form a pocket 3. This pocket 3 is heat sealed at its edges at 4 and with the fold of the backing sheet constitutes a pocket enclosed on four sides with an opening between the adjacent side edges 1a, 2.

The other side edge 1b of the backing sheet extends beyond the adjacent side edge 2b of the front sheet 2 to form a flap 5 and a line of adhesive 6 is applied across the flap 5 and this line of adhesive is covered by a barrier coating sheet 7. The adhesive 6 and the barrier coating 7 may be of the kind known as Steratape, manufactured by Stirling Coated Materials Limited, and the adhesive of which is suitable for securing together, sheets of transparent plastics material.

The front sheet 2 has the same width as the backing sheet 1. The sheets are secured at their side edges to the backing sheet by a respective line of heat seal 4 at each edge. A further line 8 of heat seal is provided between the lines 4 of heat seal to divide the pocket 3 into two compartments 9, 10. The first compartment adjacent to line 6 of

heat seal is intended to receive a container for blood or other sample material and the other compartment is to receive a form on which is recorded information about the sample and the patient to whom the sample relates.

When the bag is to be used in a hospital to contain a sample of blood or other material in a bottle or the like container as shown at 11 the blood sample is taken and filled into the bottle where it is then placed in the bottom of the compartment 9. Information about the blood sample contained in the bottle is previously being recorded on a business form 12 and this is inserted at the compartment 10 through the mouth of the pocket constituted by the edges 1a, 2a the bag as shown in Fig. 1. This form is enclosed in the pocket as shown in Fig. 1. The compartment 9, as shown in Fig. 3 is sealed with the bottle 11 contained in the compartment 9. The barrier sheet 7 is removed from above the adhesive 6 and the flap 5 is closed over the edge 2b of the sheet 2 to seal the compartment 9. The adhesive then retains the pocket in the sealed condition so that the bottle or the like cannot fall out of the compartment 9. The form may be removed from the compartment 10 through the mouth of the compartment formed by the edges 1a, 2a.

The transparent plastics material from which the bag is made is preferably polyethylene but may be other thermoplastics material or of nylon. Conveniently the bag shown in Fig. 1 may have a width (between the lines 4 of heat seal) of 7 (seven) inches and the compartment 9 have a depth of two inches with the flap 5 having a width of 1 (one) inch. The compartment 10 may have a depth of 8 3/4 (eight and three quarters of an inch) and the edges 1a, 2 be positioned 2 (two) inches from the outer side of the compartment 10.

Although the bag is described as having a backing sheet 1 and a front sheet 2 these two sheets may be formed by longitudinally slitting a tube of plastics material at two locations to form the opening between the edge 1a of the backing sheet and the edge 2a of the front and the flap 5 to receive the adhesive 6 and barrier sheet 7.

Also a line of perforations 13 may be provided adjacent to the line of heat seal 8 on the side of the compartment 9 to enable the said compartment 9 to be detached and the bottle 11 removed from the compartment for testing.

CLAIMS

1. A bag primarily intended to receive a container for blood or other sample and a form comprising a front sheet and a backing sheet folded over at one side with its folded edge positioned closely adjacent to one edge of the front sheet to form a pocket open between the adjacent edges and at the other side edge extending beyond the front sheet to form a flap having a line adhesive applied to it and the front sheet being heat sealed to the backing sheet at its top and bottom edges and a further heat seal is provided between the top and bottom edges to

provide a compartment to receive the container and a separate compartment to receive the form.

5 2. A bag according to claim 1 wherein a barrier sheet is provided to cover the line of adhesive on the flap.

3. A bag according to claim 1 or 2 wherein the bag is made from transparent plastics material.
4. A bag constructed and arranged substantially as herein described with reference to the accompanying drawings.
10