

PATENT SPECIFICATION

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COMPLETE SPECIFICATION

DRAWINGS ATTACHED

Board whereon Forms, Mouldings, Paintings and Drawings can be effaced

I, MIRON PADOWICZ, an Israeli Citizen, of Kottbusser Damm 70/71 Berlin 61, Germany, do hereby declare the invention for which I pray that a Patent may be granted to me and the method by which it is to be performed to be particularly described in and by the following statement:—

The invention relates to a board for forms, mouldings, paintings and drawings having on one side a flat surface and on the other side an elevated surface.

The invention provides a repeatedly usable board with little material at a low production cost, which may be used for various purposes such as in arts and craft e.g. for plastic forms, painting and drawing of various ornaments, creatures and the like, as well as in schools for teaching purposes. It also serves to occupy adults and children in their free time.

The invention provides a board of the kind referred to having a flat support surface in combination with a sealed envelope of transparent material containing a fat mass of the kind which can be compressed in such a way as to maintain an embossed form until effaced; the envelope being secured at its marginal edges to the support surface to enable a coloured sheet or the like to be interposed between the envelope and the support surface.

In order that the present invention may be more readily understood reference will now be made to the accompanying drawings in which

Figure 1 shows the board according to the invention in a sectional view.

Figure 2 is an alternative construction of the board in sectional view and

Figure 3 shows a useful T-shaped piece of wood for effacing and producing painting and plastic effects if required.

The board comprises a support surface 1

[Price 4s. 6d.]

being either of hard wood, cardboard, synthetic material or metal. A coloured or white layer 2 of paper foil or alternatively a lacquered or printed layer is put on said plate. The layer may either be coloured, gaily painted or monochromatic according to the required effect.

Two foils 3' and 3'' are secured together to form an envelope and the marginal edges of the envelope are secured to the support surface 1 so that the layer 2 is interposed between one of the foils 3' and the support surface. The foils may be made of the same or different material such as synthetic plastics material e.g. polyvinylchloride or polyethylene. Located in the envelope defined by the foils 3' and 3'' is a black fat mass 4 which remains ductile. The mass 4 consists of a paste like mixture of mineral oils and saponified metals or waxes. The mixture is required in order to achieve the required viscosity at ambient temperatures. This fat mixture is mixed with a colour pigment e.g. soot in order to make the fat mass opaque.

In order to use the board a round, T-shaped piece of wood 7, 8 as shown in Figure 3 or any other flat object or a finger nail may be applied. By pressing with such a piece of wood on the top plastic foil the fat mass is moved and compiled aside and the coloured or white layer appears thus, forming lines and areas on the coloured layer according to the movements of the hand.

Depending on the applied pressure and the ability of the user different thick lines or areas (coloured or white) can be produced and the required drawing or artistic effects can be achieved by compressing the covering fat mass 4 in the desired places in order to make parts of the layer 2 visible.

The board is not only applicable for

plastic forming and moulding but also for drawing and painting as to form embossed silhouettes. By means of the wooden piece 7 and 8 the black fat mass is compressed from the sides to the centre of the board and thus making it possible to form from the fat mass plastic forms or plastic objects as required, whereto the coloured or the personally produced layer 2 forms the appropriate back ground.

The tool such as the T-shaped piece of wood as shown in Figure 3 is used to efface the drawing or the plastic form by pressing on the tool and spreading the fat mass regularly so as to cover again the layer 2.

One side of the frame is normally left open as shown in the variation of Figure 2 so that the layer 2' may be replaced by another sheet. In this variation the parts of the board, namely the plate 1, foils 3' 3" with the therein contained fat mass 4 thus excepting the exchangeable 2' form a resilient bag with temporarily embossed faces. Instead of a plastic or wooden framelet 6 an elastic adhesive film strip or an adhesive fabric strip 6' is used to hold the various parts of the board together.

Between the layer 2' and the bag formed by the foils 3', 3" an additional transparent intermediate layer 9 being made of foil, or paper is inserted, in order to take up the tension of shrinkage of the bag which is formed of foils whereby said intermediate

layer which is preferably made of foil is attached to the bag either by welding, bordering or sticking. The intermediate layer 9 is greased on the side facing the bag, in order to avoid friction and folds of the bottom foil of the bag.

WHAT I CLAIM IS:—

1. A board of the kind referred to having a flat support surface in combination with a sealed envelope of transparent material containing a fat mass of the kind which can be compressed in such a way as to maintain an embossed form until effaced; the envelope being secured at its marginal edges to the support surface to enable a coloured sheet or the like to be interposed between the envelope and the support surface.

2. A board according to Claim 1 wherein the envelope consists of two foils of a flexible synthetic plastics material such as polyvinylchloride or polyethylene.

3. A board according to either of the preceding Claims in which the envelope is secured on three only of its edges to the support sheet to enable the coloured sheet to be removably interposed therebetween.

4. A board of the kind substantially as described herein with reference to the accompanying drawing.

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plastic forming and moulding but also for drawing and painting as to form embossed silhouettes. By means of the wooden piece 7 and 8 the black fat mass is compressed 5 from the sides to the centre of the board and thus making it possible to form from the fat mass plastic forms or plastic objects as required, whereto the coloured or the personally produced layer 2 forms the 10 appropriate back ground.

The tool such as the T-shaped piece of wood as shown in Figure 3 is used to efface the drawing or the plastic form by pressing on the tool and spreading the fat mass 15 regularly so as to cover again the layer 2.

One side of the frame is normally left open as shown in the variation of Figure 2 so that the layer 2' may be replaced by another sheet. In this variation the parts 20 of the board, namely the plate 1, foils 3' 3" with the therein contained fat mass 4 thus excepting the exchangeable 2' form a resilient bag with temporarily embossed faces. Instead of a plastic or wooden 25 framelet 6 an elastic adhesive film strip or an adhesive fabric strip 6' is used to hold the various parts of the board together.

Between the layer 2' and the bag formed by the foils 3', 3" an additional transparent 30 intermediate layer 9 being made of foil, or paper is inserted, in order to take up the tension of shrinkage of the bag which is formed of foils whereby said intermediate

layer which is preferably made of foil is attached to the bag either by welding, 35 bordering or sticking. The intermediate layer 9 is greased on the side facing the bag, in order to avoid friction and folds of the bottom foil of the bag.

WHAT I CLAIM IS:—

1. A board of the kind referred to having a flat support surface in combination with a sealed envelope of transparent material containing a fat mass of the kind 40 which can be compressed in such a way as to maintain an embossed form until effaced; the envelope being secured at its marginal edges to the support surface to enable a coloured sheet or the like to be interposed between the envelope and the support 50 surface.

2. A board according to Claim 1 wherein the envelope consists of two foils of a flexible synthetic plastics material such as polyvinylchloride or polyethylene. 55

3. A board according to either of the preceding Claims in which the envelope is secured on three only of its edges to the support sheet to enable the coloured sheet to be removably interposed therebetween. 60

4. A board of the kind substantially as described herein with reference to the accompanying drawing.

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