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(71) Applicant: **Bergonzi, Gianbattista**
93, Corso Paolo Bernacchi
I-21049 Tradate (VA)(IT)

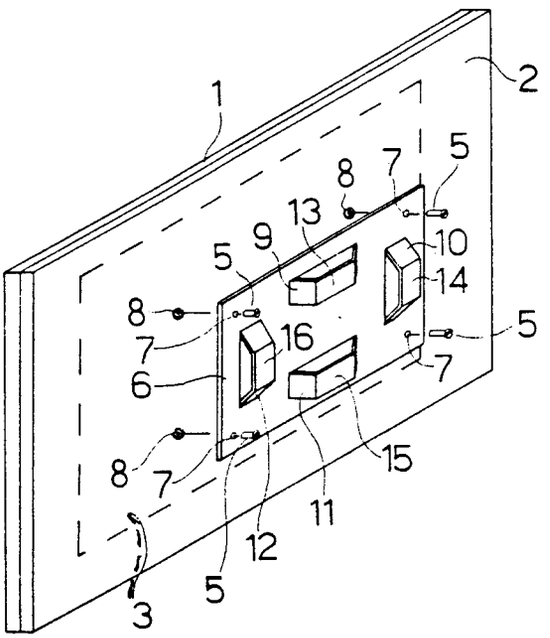
(72) Inventor: **Bergonzi, Gianbattista**
93, Corso Paolo Bernacchi
I-21049 Tradate (VA)(IT)

(74) Representative: **Ferraiolo, Ruggero et al**
FERRAIOLO S.r.l.,
Via Napo Torriani, 10
I-20124 Milano (IT)

(54) An assembly of a panel for prints and wall-fitting supports.

(57) An assembly of panel for prints and wall-fitting supporting means in which said panel (1) comprises at least one rest plate (2) for the print and said plate is associated to at least one supporting element (6, 14) in turn associated to one or more spacer elements (9, 10, 11, 12, 15) suited for holding said supporting element (6, 14) and, hence, said panel (1) at a certain distance from the wall.

Fig. 1



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The present invention concerns a panel suitable for bearing a print or other type of essentially flat work and supporting means associated to said panel in order to suspend it from a wall.

There are various types of panels, available on the market, for the display of prints, drawings, paintings, photographs or any other essentially flat works (simply defined as prints herein), that are suspended from a wall by means of various types of fittings.

Most of said panels comprise a first plate to rest the print on and a second transparent protective plate, held together by means of a traditional frame or by coupling means such as spring clips or frames sliding in slots cut into the back of the rest plate. For wall-fitting purposes rings applied to the upper panel margin have been used or cavities suited to lodging a nail head or the point of a hook have been realized in the frame or in the panel.

The purpose of the present invention is to offer a panel for the display of prints and related wall-fitting means the application of which is easy and versatile, while affording a striking aesthetic effect.

Said assembly consists of a panel made up of a first plate on which to rest the print and a second transparent plate protecting the print, and of a supporting element to suspend said panel from a wall and hold it at a certain distance from the wall.

Said panel and supporting elements are mutually fastened by means of screws or technical equivalent.

Said screws especially are lodged in said panel so as to not project from the print rest plate.

Said supporting element may be configured as a plate to which spacer units are associated, the function of which is to hold the panel at a certain distance from the wall, and fittings to the wall.

In a preferred embodiment at least one of said spacers is suited as a means for wall fitting.

Said spacers may be realized by extrusion from said plate or molded as a single piece or else applied at a later time, and can hold said plate parallel to the wall or else tilted to liking.

In a preferred embodiment said rest plate is made of transparent material.

The assembly described offers the advantage of presenting a standard format supporting element to which various sizes of panels may be applied, especially to simplify production and to respond to the requirements of professional users such as art galleries, fairs and exhibitions in general.

In order to better illustrate the assembly described some embodiments are described, purely as an example, with reference to drawings in which:

Figure 1 is a view of the assembly,

Figure 2 is a cross section of Fig. 1 fitted to the wall,

Figure 3 is a cross-section of another embodiment,

Figure 4 is a view of another embodiment,

Figure 5 is a view of yet another embodiment.

Fig. 1 shows a transparent protection plate 1, the transparent rest plate 2 for the print 3 (broken line in the illustration), held together by means that are not shown. Screws 5 fasten said rest plate 2 to the supporting element consisting of metal plate 6 through holes 7 and nuts 8 incorporated in said rest plate 2.

Together with plate 6 the spacer elements 9, 10, 11 and 12 are molded in a single piece in the form of a bridge, the bases of which, respectively 13, 14, 15 and 16, are parallel to plate 6. To suspend said panel consisting of plates 1 and 2 from a wall, said rest plate 2 is fitted to plate 6 by means of screws 5 and nuts 8 and hence one of said bases, in the example base 13 of spacer 9, is hung from a hook fitted to the wall.

In Fig. 2 the assembly in Fig. 1 is shown suspended from a wall 4. Base 13 of spacer 9 has been fitted into spring clip 17 from above and held there by the elastic body of said clip 17.

Spacers 10, 11, and 12 (the latter is not visible in the figure), in this case, apart from contributing to distancing the plate 6 from the wall, serve as a support for part of the weight of the whole assembly. Plate 6 and hence plates 1 and 2 are in this way held parallel to the wall and at a certain distance from it.

Because both plates 1 and 2 are made of transparent material, the effect on the viewer of said print 3 is that he glimpses the wall through said plates 1 and 2 beyond the edges of said print 3. The effect may be made more striking with the use of appropriate illumination.

In Fig. 3 a cross-section of panel 1,2 is shown held by a supporting plate element 18 in which the single spacer 19 consists of extensions of the same plate 18 of different lengths so as to fix said panel 1,2 to the wall in a tilted position.

Base 20 is suspended by sliding it between wall 4 and said hook 21 already fitted onto wall 4, until it passes over, and then rests on, shoe 21a facing the wall.

In Fig. 4 the double function element 22 is shown, its lips 22a and 22b, fastened by means of screws V to rest plate 23, act as supporting elements, while sides 22c and 22d act as spacers.

Hole 24a on base 24 allows said element 22 to be suspended from a nail, screw or hook.

Fig. 5 shows an embodiment in which the supporting element is limited, more so than in the previous embodiment, to ends 25a 26a and 27a of the three spacers 25, 26 and 27, directly screwed onto rest plate 28. Said spacers are of variable length owing to their telescope structure, and they

are fitted with fastening screws 29.

The upper spacer 25 is also fitted with a ring 30 suited for suspending from a wall.

Obviously by varying the lengths of the single spacers 25, 26 and 27 the panel's tilt and distance from the wall can be varied.

Claims

1. An assembly of panel for prints and wall fitting support means characterized in that the panel (1, 2, 28) comprises at least one rest plate (2, 28) for the print, said plate (2, 28,) being associated to a supporting element (6, 14, 22a, 22b, 25a, 26a, 27a) that in turn is associated to one or more spacer elements (9, 10, 11, 12, 15, 22c, 22d, 25, 26, 27) suited for holding said supporting element (6, 14, 22a, 22b, 25a, 26a, 27a) and therefore said panel (1, 2, 28) at a certain distance from the wall (4).

2. An assembly according to claim 1 characterized in that at least one of said spacers (9, 15, 22, 25) bears a coupling base (13, 20, 23, 30) for wall (4) fitting.

3. An assembly according to the previous claims characterized in that there is a single spacer element (19), of an essentially vertically elongated form, that also bears a coupling base (20) for wall (4) fitting.

4. An assembly according to each of the previous claims characterized in that said spacers (25, 26, 27) are of different lengths so that the panel (1, 2, 28) is not parallel to wall (4).

5. An assembly according to each of the previous claims characterized in that said spacers (25, 26, 27) are of adjustable length.

6. An assembly according to each of the previous claims 1, 2, 3 and 4 characterized in that at least one of said spacers (9, 10, 11, 12, 19) is shaped like a bridge comprising a base (13, 14, 15, 16) suited to wall fitting and extensions of said base (13, 14, 15, 16) suited to connecting it and distancing it from said plate.

7. An assembly according to claim 6 characterized in that it comprises a spring clip (17) for fastening the panel (1, 2) to wall (4), the body of said hook being bent so as to receive a base (13) of said bridge shaped spacer (9) and elastically grip the same.

8. An assembly according to each of the previous claims 6 and 7 characterized in that the base (20) of one or more bridge shaped spacers (19) is not parallel to the panel (1, 2, 28) to which it is associated so that said panel (1, 2, 28) is suspended at a tilted angle with the wall.

9. An assembly according to each of the previous claims characterized in that said rest plate (2, 28) for the print is a transparent plate.

Fig. 2

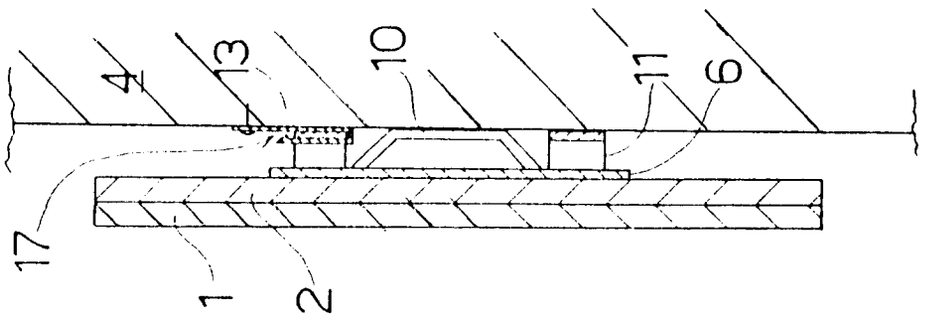
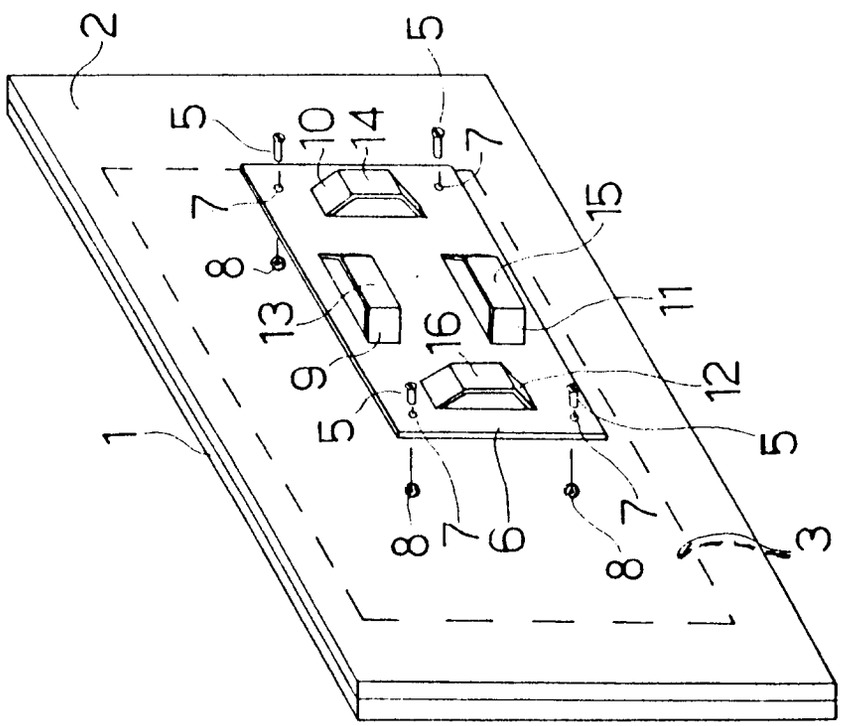


Fig. 1



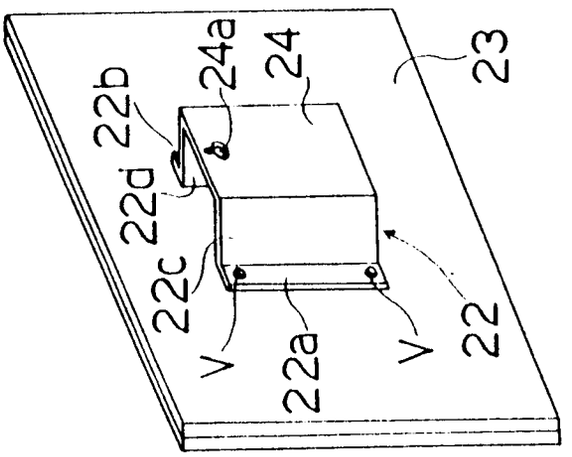


Fig. 4

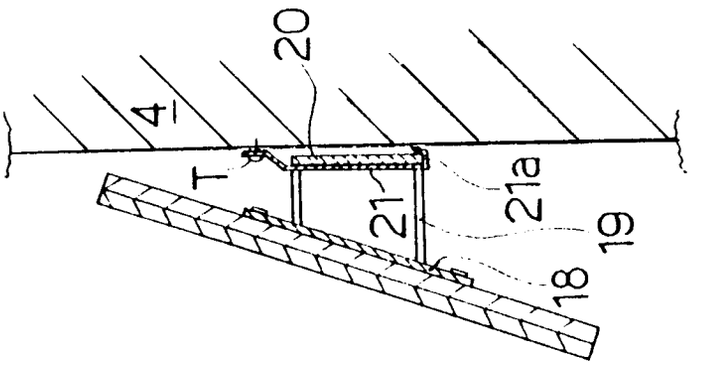


Fig. 3

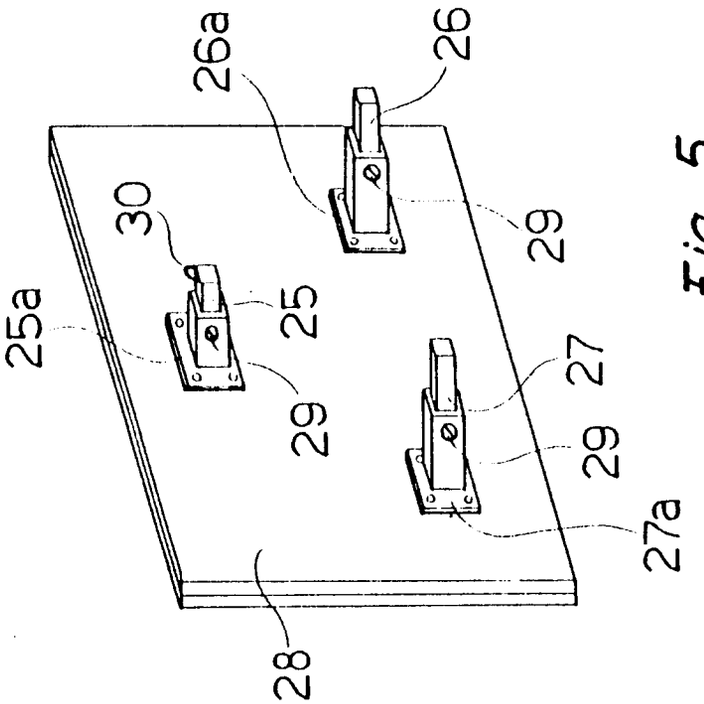


Fig. 5

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EUROPEAN SEARCH REPORT

Application Number
EP 93 10 9085

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	FR-A-2 655 391 (CABULA) * abstract; figures *	1-3	A47G1/16 A47G1/24
X	FR-A-2 158 527 (DAISHIN KOGYO KABUSHIKI KAISHA) * figures *	1-3,6,8	
X	DE-U-8 509 230 (C. HOHAGE GMBH & CO KG) * figures *	1-3	
P,X	WO-A-9 217 099 (LALOUX) * page 5, line 9 - line 12 * * page 6, line 24 - page 7, line 12 * * figure 4 *	1,9	
X	US-A-4 309 017 (SLEMMONS) * column 4, line 33 - line 43 * * figures *	1,2,4	
X	FR-A-2 122 000 (CATHERINE) * page 2, line 34 - line 36 * * figures 1-3 *	1,2,6,8	
A	US-A-1 883 834 (TURNER) * figures 1-3,5 *	6,7	TECHNICAL FIELDS SEARCHED (Int. Cl.5) A47G

The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	08 SEPTEMBER 1993	SCHOLVINCK T.S.

CATEGORY OF CITED DOCUMENTS

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