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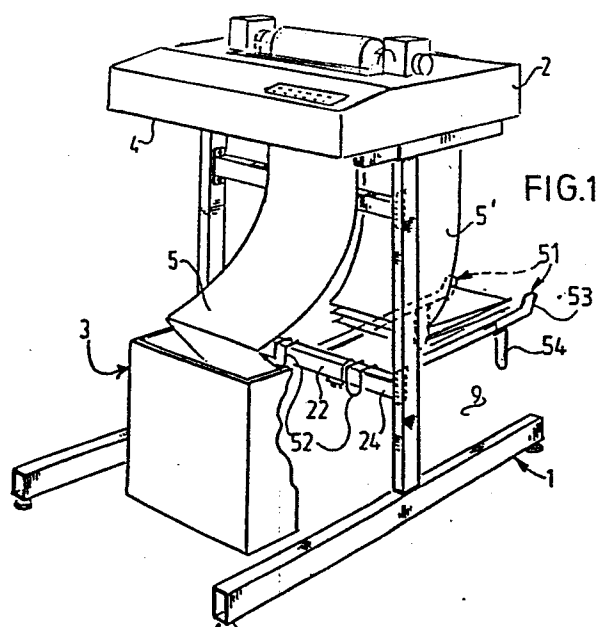
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⑤④ Adjustable stand, e.g. for a printing unit.

⑤⑦ A stand for carrying an apparatus, more particularly a printing unit, with a carrying layer connected by means of at least one post with a supporting surface bearing on a substrate, comprising setting means being pivotable inside the carrying layer.



The invention relates to a stand for carrying an apparatus, more particularly a printing unit, comprising a carrying layer, having carrying members for carrying said apparatus, and being connected by means of at least one
5 post with a supporting base, and setting means interposed between said carrying members and said post, for setting the dimension of the carrying layer.

Such a stand is described in FR-2.374.868, in which for each pair of carrying members their mutual distance is adjustable with the setting means.
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It is the object of the invention to provide a stand of which the applicability is increased. According to the invention this is achieved in that said setting means being pivotable inside the carrying layer. Accordingly,
15 each carrying member may independently said with respect to the other carrying members.

When said pivotable setting means are arranged at other, first and second setting means operating in mutual transverse directions for setting the depth and the width
20 respectively of said carrying layer.

The applicability of the stand can, on the one hand, be extended to an apparatus having a distance between the legs substantially smaller than that between the two carrying members, because in this case the third setting means are turned
25 as far as in between the two carrying members; On the other hand it is possible to put on the stand embodying the invention apparatus in which the distance between the pairs of front legs and of rear legs are not the same.

When the stand comprising two posts and solely said
30 second setting means are arranged between said two posts, the stability and rigidity is increased, whereas the carrying layer is as open as possible avoiding conflict with paper to be printed or printed, in a printing unit carried by the stand according to the invention.

35 When said carrying members having a connecting part of relatively different thicknesses a difference in height between various legs of the apparatus can be corrected in a rather simple manner.

When said apparatus is a printing unit, and that at least one element for carrying paper to be printed and/or printed is disposed between said carrying layer and said supporting base, and on the ground, the load of said paper is directed to the ground, so that hardly any difformation forces are exposed to the stand.

When the carrying, the post, the supporting base, the setting means and/or carrying element are relatively releasable and generally elongated elements said stand can be packed in the dismantled state in a small parcel so that in particular transport and stock charges are appreciably limited.

The above-mentioned and further features will be elucidated with reference to a few non-limitative examples shown in the accompanying drawings.

The drawings show in:

Fig. 1 a stand embodying the invention carrying an apparatus;

Fig. 2, 3 and 4 each an embodiment of the stand in accordance with the invention;

Fig. 5 and 6 detail V and a detail VI respectively of fig. 3;

Fig. 7 and 8 a detail VII and a detail VIII respectively of fig. 4, and;

Fig. 9 the component elements of the device in the dismantled state in accordance with the invention illustrated in fig. 3.

Fig. 1 shows the frame 1 embodying the invention carrying an apparatus 2. The apparatus 2 is a printing unit to which paper 5 is fed from a stock container 3 through the underside 4 and collected on carrying elements 51 after being processed. As is shown in further detail in fig. 2 the stand 1 comprises a carrying layer 7, which is connected through two posts 8 with a supporting surface 10 bearing on a substrate 9 and formed by two supporting beams 11, 12 provided each with supporting caps 39.

The stand 1 is provided with first setting means 13 operating in relatively transverse directions and second

setting means 14 for independently setting the depth d and the width b respectively of the carrying layer 7 consisting of two carrying members 15, 16 spaced apart by a distance b and fastened each to a post 8.

5 The first setting means 13 comprise two carrying pieces 17, 18, which are slidably arranged parallel to the carrying layer 7 in the carrying members 15, 16, whilst with the aid of guard means 19 the carrying pieces 17, 18 can be guarded against displacement with respect to the carrying
10 members 15, 16 concerned. The carrying members 15, 16 and the carrying pieces 17, 18 are each provided with a cylindrical cap 20 receiving a leg of the apparatus to be carried.

 The second setting means 14 comprise two transverse members 21, 22 and transverse pieces 23 and 24 respectively
15 slidably arranged in the former. With the aid of further guard means 25 the carrying pieces 23, 24 can be guarded against displacement relative to the transverse members 21, 22 concerned.

 Although it is possible to arrange the second
20 setting means 14 between the two carrying members 15, 16 of the carrying layer 7, it is preferred to arrange the second setting means between the two posts 8 because in this way a particularly stable and rugged construction is obtained.

 With the aid of appropriate fastening means 26 the
25 transverse members 21, 22 and the transverse pieces 23, 24 are releasably fastened to the posts. In the frame shown in fig. 2 the two posts are welded to the supporting beams 11 and 12 respectively.

 In the variant shown in fig. 3 of the stand 1 embodying
30 the invention the caps 20 are pivotally fastened with the aid of third setting means 27 inside the supporting layer 7, whilst they are fastened to the carrying members 15, 16 and the carrying pieces 17, 18 associated with the carrying layer 7. With the aid of these third setting means the width b can
35 be further reduced, when the edges 28 of the transverse mem-

bers 21, 22 strike the post 8', by turning the third setting means 27 as far as inside the carrying members 15, 16. In this way the stand 1 embodying the invention can also be used for apparatus 2 in which the distance between the supports thereof
5 is smaller than the length 1 of the transverse members 21, 22.

Fig. 5 shows in further detail the third setting means 27. They comprise a carrying member 29, which is fastened with the aid of a screw 30 to the carrying pieces 17, 18 and the carrying members 15, 16 respectively. By
10 partly loosening the screw 30 from above or if desired from the underside (not shown) it is possible to turn in the direction of the arrow 31 for matching the cap 20 carried by the strip 29 to the posts of the apparatus 2.

In the stand 1 embodying the invention shown in
15 fig. 4 the third setting means 27 fastened to the carrying pieces 17, 18 are arranged on a segment 32 rigidly secured to the carrying pieces 17 and 18 respectively and having substantially the same sectional dimensions as the carrying members 15, 16.

20 By means of such segments 32 a difference in height h (see fig. 6) can be compensated for (cf. figs. 6 and 7).

In the stand 1 according to the invention shown in fig. 4 the posts 8 are releasably fastened in the supporting beams 11, 12, which is shown in further detail in fig. 8. The
25 lower end 33 of the post 8 is inserted into the opening 34 in the supporting beam 11, in which it is guarded by means of the guard members 35.

In the arrangement shown in figs. 5 and 6, in which the third setting means 27 are directly arranged on the
30 carrying pieces 17, 18 caps 20, 20' have to be used whilst the connecting part 36' has a larger thickness as compared with the connecting part 36 to compensate for the difference in height between the surface 37 of the carrying piece 18 and the surface 38 of the carrying member 15.

35 When the second setting means 14 are arranged in the carrying layer 7, the third setting means 27 may be fastened to the second setting means 14.

As is shown in fig. 9, the stand 1 of fig. 4 comprises a plurality of relatively releasable, mainly elongate elements forming the carrying layer 7, the posts 8 carrying elements 51 and the supporting surface 10. These
5 mainly elongate elements can be simply packed and stored so that the costs involved can be appreciably reduced.

As shown in fig. 1 two paper carrying elements 51 are used for gathering paper printed in the apparatus 2. Each paper carrying element 51 having a hooked part 52, which
10 is hooked on a transverse member 22, 24, an opposed upwardly sloped part 53, and a downwardly sloped part 54 that rests on the substrate 9. Between the parts 52 and 53, is the element 51 even, so that without any conflict the printed paper 5' can be gathered in a zig-zag manner. The whole member 51 is
15 bended out of two separate metal wires which are welded together.

1 CLAIMS

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1. A stand for carrying an apparatus, more particularly a printing unit, comprising a carrying layer, having carrying members for carrying said apparatus, and being connected by means of at least one post with a supporting base, and setting means interposed between said carrying members and said post, for setting the dimensions of the carrying layer, characterized in that said setting means being pivotable inside the carrying layer.

2. A stand as claimed in claim 1, characterized in that said pivotable setting means are arranged at other, first and second setting means operating in mutual transverse directions for setting the depth and the width respectively of said carrying layer.

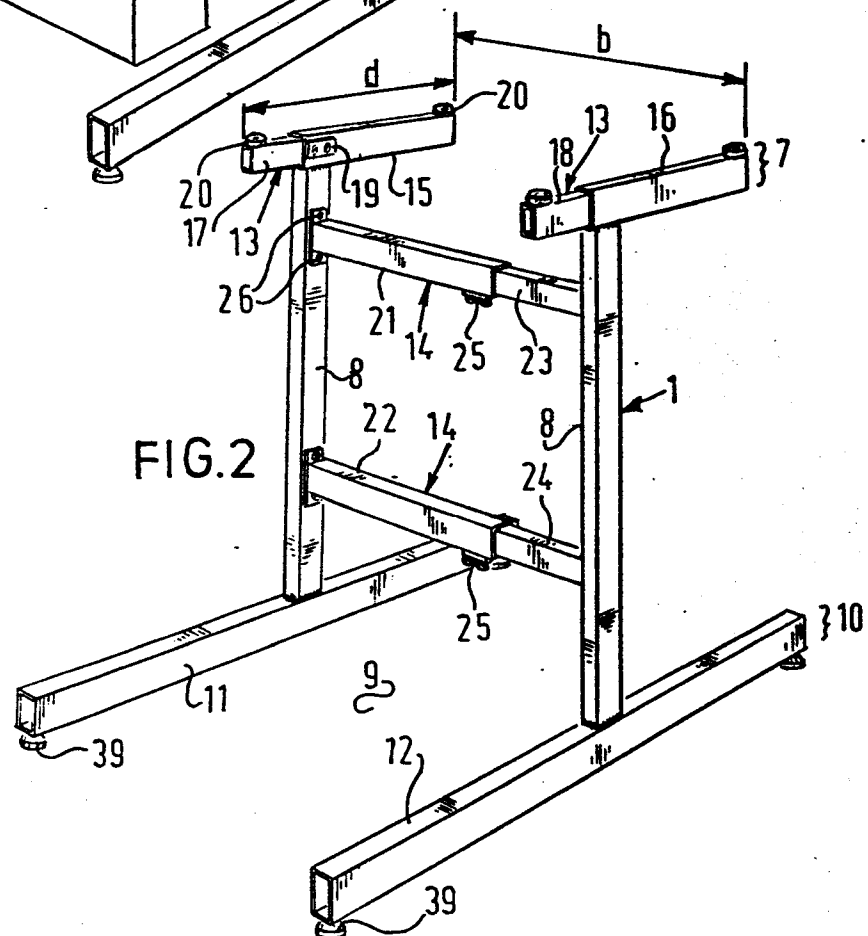
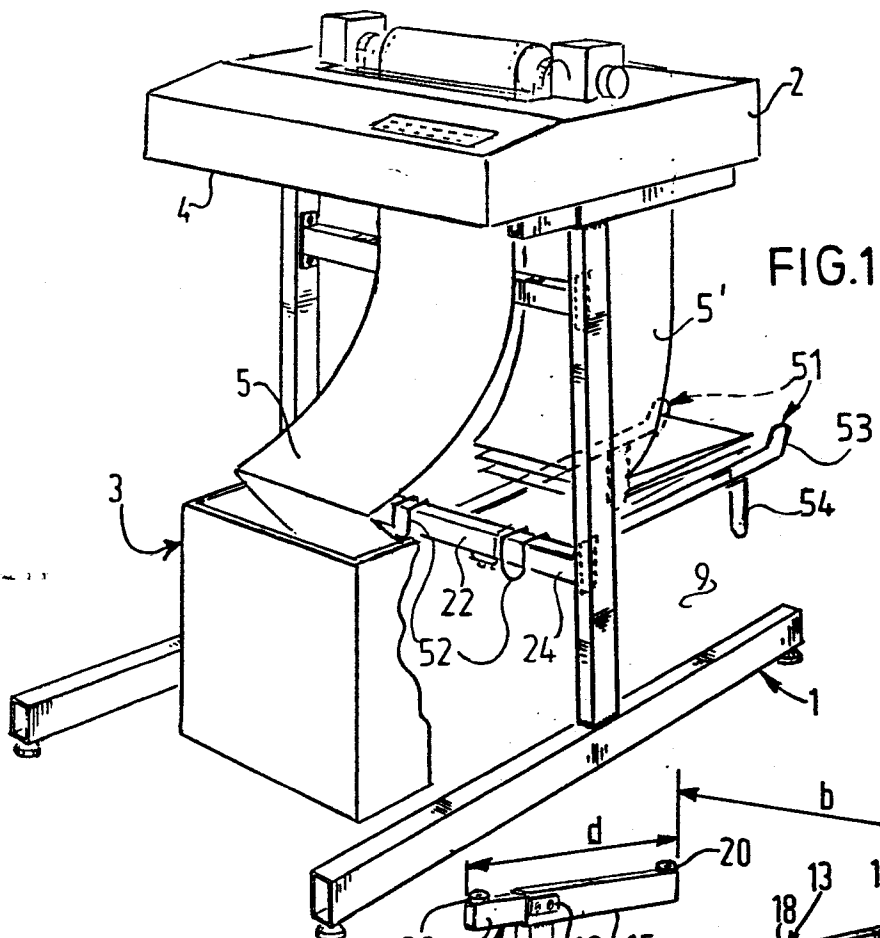
3. A stand as claimed in claim 1 or 2, characterized in that, the stand comprising two posts and solely said second setting means are arranged between said two posts.

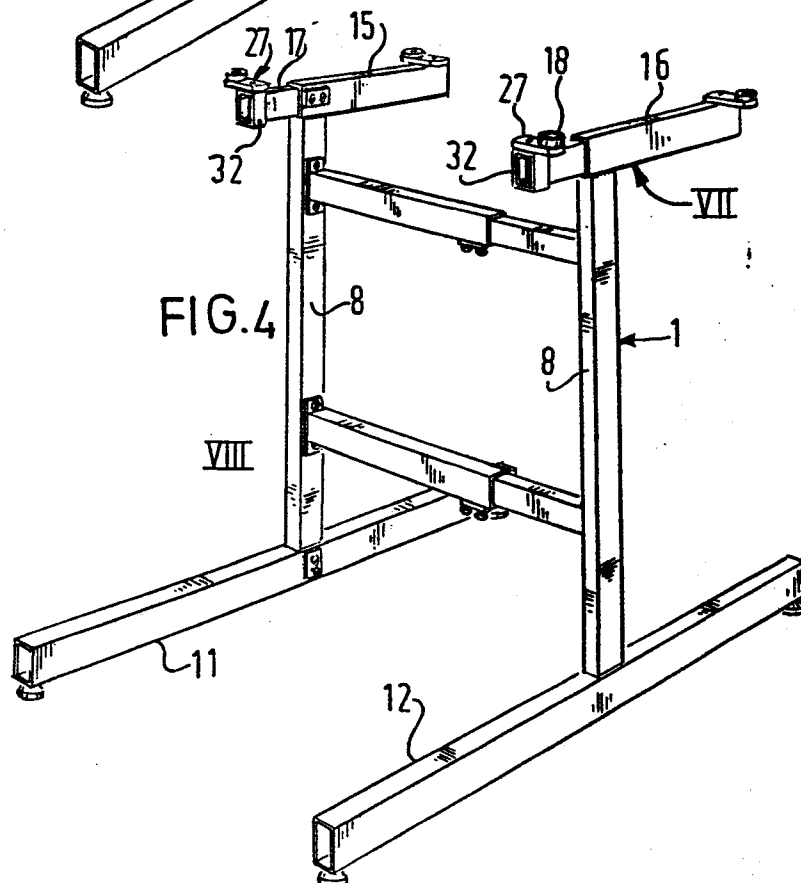
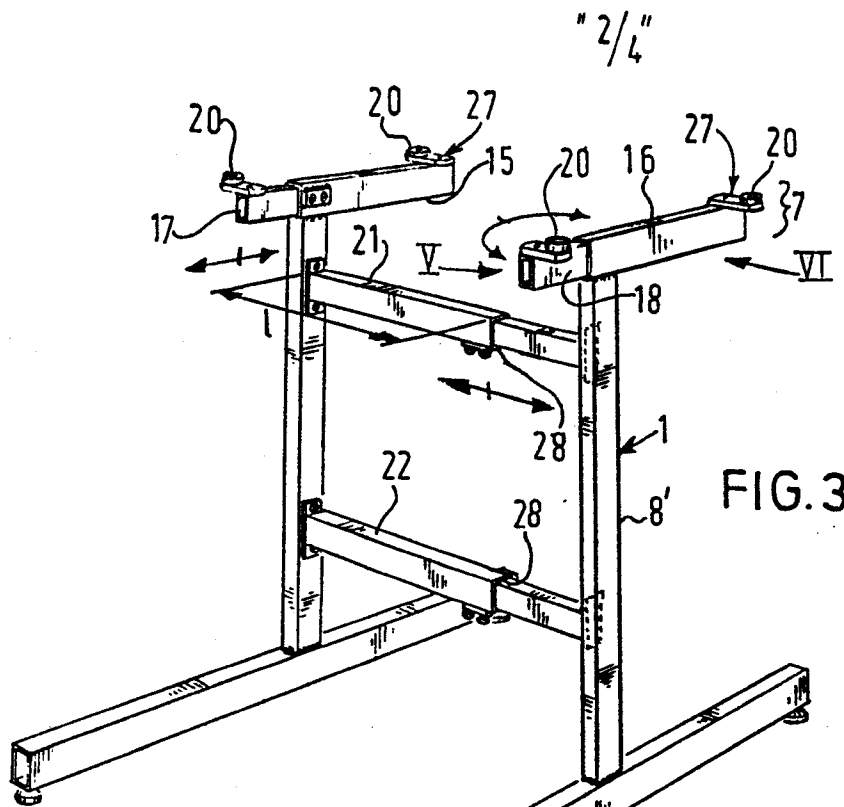
4. A stand as claimed in any preceding claim, characterized in that said carrying members having a connecting part of relatively different thicknesses.

5. A stand as claimed in any preceding claim, characterized in that said apparatus is a printing unit, and that at least one element for carrying paper to be printed and/or printed is disposed between said carrying layer and said supporting base, and on the one hand is connected to the stand and on the other hand bears on the ground,

6. A stand as claimed in any preceding claim, characterized in that the carrying, the post, the supporting base, the setting means and/or carrying element are relatively releasable and generally elongated elements.

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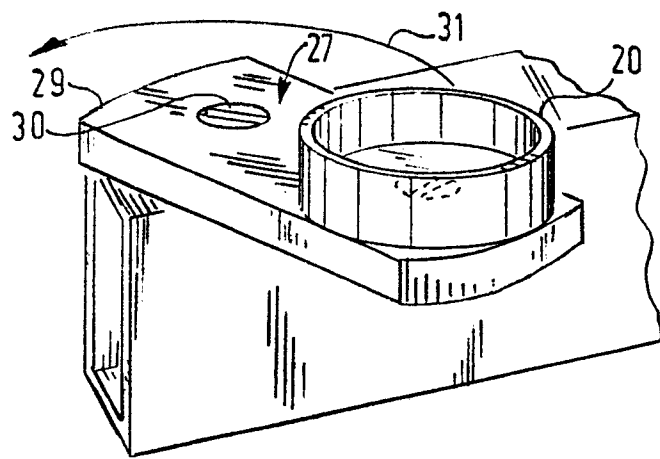


FIG. 5

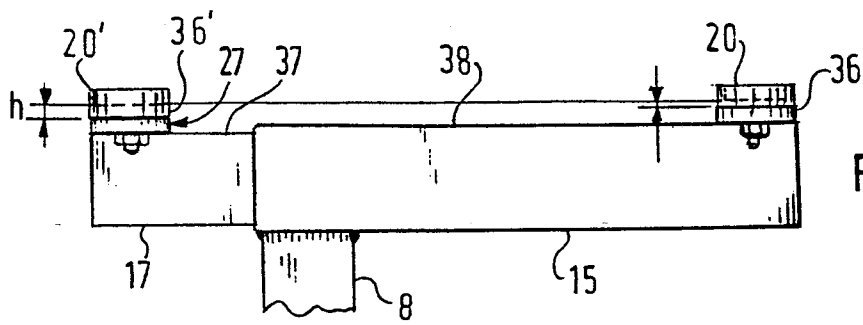


FIG. 6

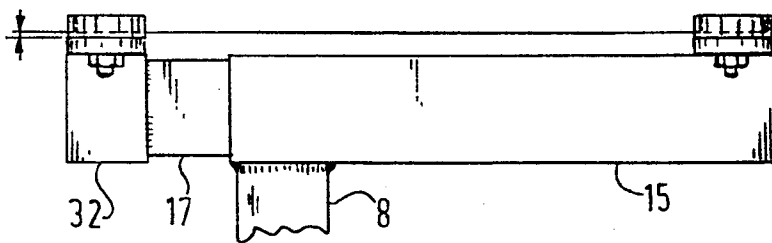


FIG. 7

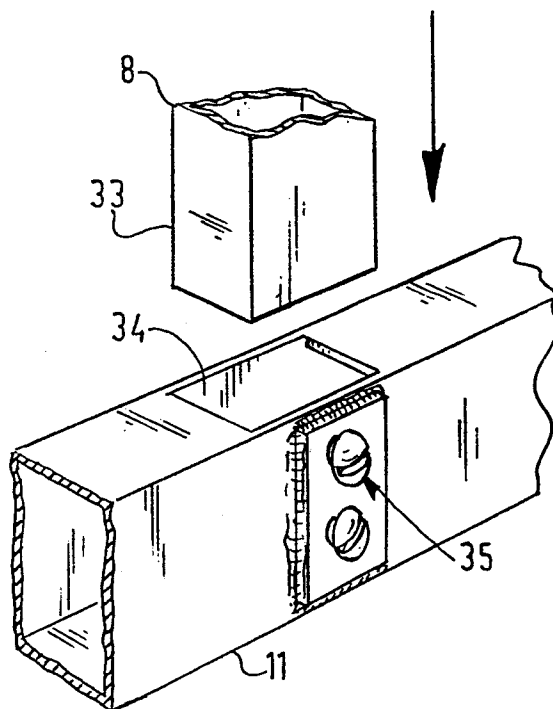


FIG. 8

$\frac{1}{4}$ "

FIG. 9

