

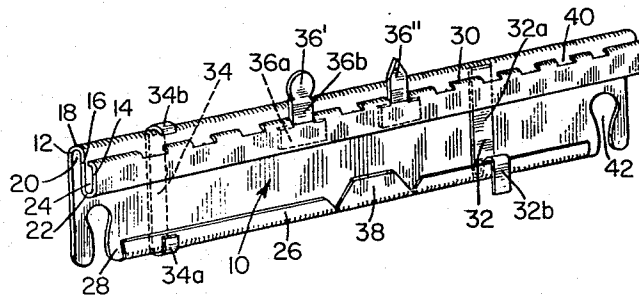
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C. BRENASIN

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SUSPENSION BAR HAVING SLIDABLE MARKERS

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SUSPENSION BAR HAVING SLIDABLE MARKERS

Charles Brenasin, 224 Rue Raymond Losserand,
Paris, France

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2 Claims. (Cl. 129—16.7)

This invention relates to bars for filing systems and more particularly to bars provided with index or marker elements.

It is an object of the invention to provide an improved filing system component, wherein at least three marker elements can be employed without interference with each other.

It is another object of the invention to provide an improved filing system component which is readily manufactured and put into use.

Still another object of the invention is to provide an improved filing system component which is adapted to mass production techniques.

Briefly, in accordance with the invention, there is contemplated a suspension bar consisting of three flat and parallel members which are connected in such a manner as to define three slideways. These three slideways are independent of one another and each accommodates at least one marker element in such a manner that the marker elements are capable of sliding past one another without interference therebetween.

Other objects and features of the invention will be understood from the following detailed description of a preferred embodiment as illustrated in the annexed drawing, in which the sole figure illustrates in perspective a slide bar provided for a filing system in accordance with the invention.

In the drawing is illustrated a slide bar 10, comprising first and second outer sections 12 and 14, and an inner section 16 between said outer sections. These sections are all substantially flat parallel members.

The inner section 16 is narrower than the outer section 12, but is wider than the outer section 14.

A first channel section 18 connects the outer section 12 with the inner section 16, to constitute therewith an inverted U-portion, having a long arm constituted by the outer section 12 and a short arm constituted by the inner section 16.

The inverted U-shaped portion which results, defines a downwardly open channel 20 which constitutes in part a slideway, as will be shown.

A second channel section 22 is provided, which connects the inner section 16 with outer section 14. Channel section 22 constitutes or defines with sections 14 and 16 an upright U-portion defining an upwardly opening channel 24, which is laterally spaced from the downwardly open channel 20.

A flange 26 is provided on the outer member or section 12 and defines therewith a channel 28 which opens upwardly towards the downwardly open channel 20. Channels 20 and 28 together constitute a first slideway, the purpose of which will become hereinafter apparent.

The outer surfaces of members 12 and 16, along with the outer surface of channel 18 and the outer surface of the flange 26, all constitute a second slideway which is independent of the first said slideway, the second slide-

way supporting at least one further marker, as will be shown.

Spaced inturned resilient lips 30 are provided on outer section 14 for yieldably confining the upwardly opening channel 24, the latter said channel constituting a third slideway for supporting at least one marker.

Finally, in accordance with the invention, there are provided at least three types of markers indicated generally at 32, 34, 36' and 36''.

The marker 32, which is positioned in the first slideway, has generally the shape of an S. Moreover, this marker has one section 32a directly engaged in the first slideway and a second section 32b, which is looped over the flange 26.

The marker 34, which is operatively associated with the second slideway, includes hook-shaped extremities 34a and 34b, which respectively engage the flange 26 and the outer surface of channel section 18.

Each of markers 36' and 36'' includes a base section 36a, engaged in the third slideway, and an upright section 36b, which is adapted for selectively extending between the lips 30 and being positioned thereby. The upright sections are of different shapes for the different markers; i.e., marker 36' has a rounded upright section whereas marker 36'' has a pointed upright section. This enables the markers to be distinguished.

From what has been stated above, it will be seen that slide 34, for example, can move freely from one end of the bar 10 to the other, without interfering with the marker 32, and that conversely the marker 32 can likewise slide from one end of the bar 10 to the other without interference with the marker 34. At the same time it is also possible to selectively position the markers 36' and 36'' in the spaces or notches 40 between any of the lips 30 without interference with either of the other of the markers. Accordingly, the invention provides an improved suspension bar for a filing system in which the markers are readily displaced with respect to the associated slide bar and with respect to each other in order to constitute indices in a filing system.

In addition to the above noted features, the invention also provides for a section 38 positioned in the flange 26 and adapted to penetrate through and engage a sheet which is to be suspended from said suspension bar 10.

Finally, bar 10 is provided with notches 42 by means of which the bar can be mounted on slide rods (not shown).

In operation, a sheet (not shown) having information thereon will be received in channel 20. The sheet will have a form index thereupon indicating, for example, days, months, years, or locations. The aforementioned markers will serve to indicate on the index the different pertinent information.

There will now be obvious to those skilled in the art many modifications and variations of the structure set forth above. These modifications and variations will not depart from the scope of the invention if defined by the following claims.

What is claimed is:

1. A bar for a filing system comprising first and second outer sections and an inner section between said outer sections, said sections being substantially flat parallel members, the inner section being narrower than the first outer section and wider than the second outer section, a first channel section connecting the first outer and inner sections to constitute therewith an inverted U-portion having a long arm constituted by the first outer section and a short arm constituted by said inner section, said inverted U-shaped portion defining a downwardly open channel, a second channel section connecting the inner and second outer sections to constitute therewith

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an upright U-portion defining an upwardly opening channel spaced from the downwardly open channel, a flange on said first outer member and defining therewith a channel opening towards the downwardly open channel and constituting therewith a first slideway, the inverted U-portion and flange having outer surfaces constituting a second slideway independent of the first slideway, and spaced inturned resilient lips on said second outer section yieldably confining said upwardly opening channel, the latter said channel constituting a third slideway, and markers operatively engaged with each of said slideways, the marker associated with the first slideway having the shape of an S having one section in said first slideway and another section looped over said flange, the marker associated with the second slideway including hooked shaped extremities engaging said flange and first channel section, and the marker associated with the third slideway including a base section engaged in the third slideway and an upright section on the base section extending selectively between said lips.

2. A bar as claimed in claim 1 wherein said flange

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comprises a section to penetrate through and engage a sheet.

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