Dec. 19, 1933. H. R. PAULICK 1,940,505

CORNER SPLICER

Filed June 30, 1930

Fig. 1.

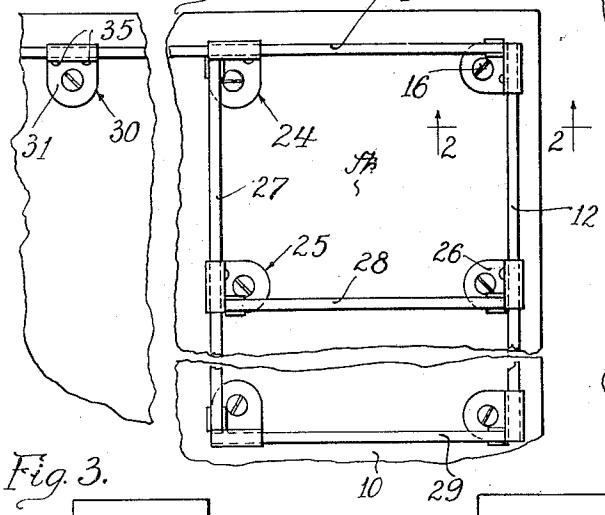


Fig. 2.

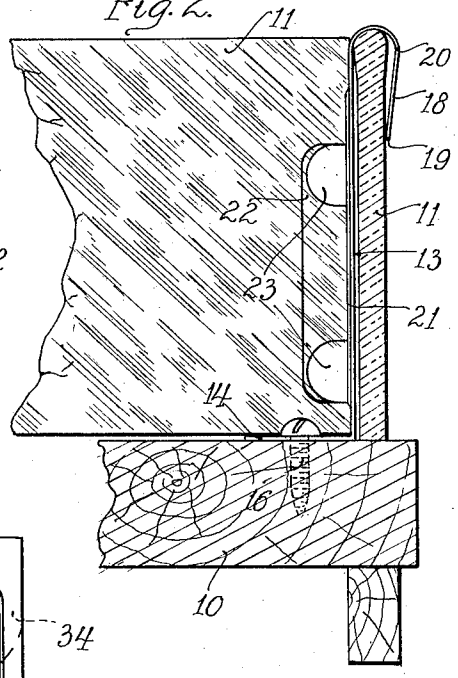
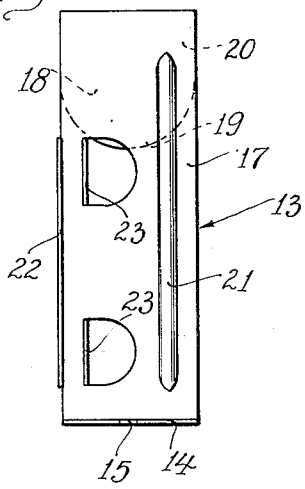


Fig. 3.



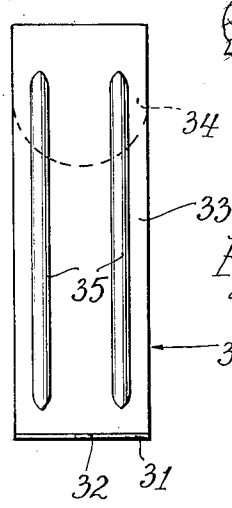
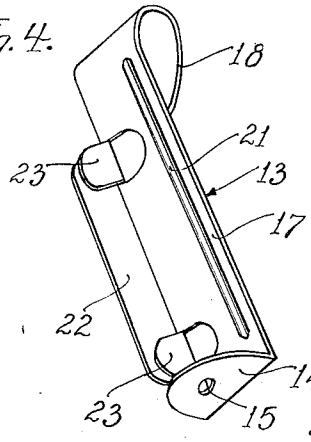


Fig. 5

Fig. 4.



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CORNER SPLICER

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5 Claims. (Cl. 312—140)

This invention relates to glass partition supporting and corner splicing means and more particularly for such means as may be employed in conjunction with bulb edge glass partitions employed upon display table tops for displaying small articles in separate open compartments.

It is customary, particularly in the retailing of certain classes of merchandise such, for example, as hardware, to provide upon the floor of the store a plurality of display tables upon which numerous articles are displayed for the benefit of the prospective purchaser. In such classes of merchandise, the articles are for the main portion of small size and usually readily lend themselves to advantageous display in loose bulk form. Where it is desired to display a large variety of such small articles upon a display table top, it is of course desirable to prevent promiscuous commingling of the articles. While heretofore, specially built tables having their tops provided with a plurality of built in or built up compartments have been provided, such fixtures may be readily adaptable for one class of merchandise but would not be so adaptable for other classes of merchandise, and this is even true in one class of merchandise, particularly where a merchant may desire to display one class of articles for a short time and another entirely different class of articles at another time. Added to this, are other detrimental features in that built in compartments are hard to clean, do not present a pleasing appearance particularly upon a table top, cannot be varied for depth when desired, etc.

Consequently, it has been found desirable to provide an arrangement which will more readily lend itself for numerous and various display purposes, which will be neat, and which will be very efficient in use. To this end, bulb edge glass has come into extensive use for providing partitions upon table tops to form desired compartments for display purposes. Frequently, such partitions, particularly those which are employed to form the outer boundaries of the entire display, are rather long and it is desirable to provide for suitable bracing means or supporting means therefor at points intermediate the ends thereof.

The present invention embodies in its scope, the provision of such a suitable reinforcing or bracing member. To this end, the supporting member of the present invention comprises a one-piece sheet metal member formed of spring stock, having a base flange or supporting portion adapted to be secured to a table top or the like, a body portion extending from the base portion against which one side of a glass partition is adapted to abut, and a yieldable bent portion adapted to take over the upper edge of such a glass partition, such edge being that of largest cross sectional dimension. Inasmuch as the member is formed from spring stock, it is desirable to suitably reinforce the body portion to render it rigid and this is preferably accomplished by providing one or more beads therein running lengthwise of the body portion. Thus, a comparatively simple device is provided which may be readily formed by stamping at a comparatively rapid rate of output.

In forming compartments of preferably rectangular configuration, it is also desirable to provide for suitable corner splicing. With this in view, the present invention further contemplates the provision of a member similar in character to the device briefly heretofore described, such corner splicing means being formed of similar sheet metal spring stock. In carrying out this feature of the invention, the device is also formed preferably by stamping and comprises a base flange or supporting portion adapted to be secured to a table top, a body portion extending from the base flange or supporting portion and provided at the end opposite the base flange or supporting portion with a yielding grip portion adapted to take over that edge of the bulb edge glass partition which is of largest cross sectional dimension. To suitably reinforce the body portion to render it rigid, it is provided with a longitudinal bead. To accommodate the end edge of another partition forming a corner therewith, the body portion is provided along one edge with a perpendicularly disposed flange extending for a substantial distance along such edge. A suitable guideway for accommodating this end edge of the partition glass forming the corner with the first partition glass is formed by punching out from the body portion one or more tabs in the direction of the side edge flange and in spaced parallel relation thereto. Thus, a suitable corner splicing means for bulb edge partition glass is provided from a single piece of sheet metal spring stock.

By the provision of such bracing or supporting means and corner splicing means a large variety of suitable compartments for table top display purposes may be quickly and readily accomplished and the resultant display compartments are neat in appearance, sturdy, readily rearranged thereby being quite adaptable for quick changes from compartments of one size to those of another and inasmuch as the partitions may be quickly removed, the resultant display table top may be expeditiously disassembled for cleaning or washing purposes.

Other features and advantages will appear from the following detailed description of a preferred embodiment of my invention illustrated in the accompanying drawing in which:—

Figure 1 is a fragmentary plan view of a table top provided with glass partitions and embracing and corner splicing means in accordance with the salient features of the present invention;

Figure 2 is a section taken along the line 2—2 of Figure 1;

Figure 3 is an elevation of a corner splicer in accordance with the present invention;

Figure 4 is a perspective view of such a corner splicer; and

Figure 5 is an elevation of a bracing or supporting means embodying the features of the present invention.

Referring now more particularly to Figure 1, I have shown a table top 10 provided on the surface thereof and adjacent one edge thereof with a partition glass 11 of the bulb edge type and a similar partition glass 12 disposed along another edge of the table top.

I shall first describe the corner splicer. Referring more particularly to Figures 2, 3 and 4, the corner splicer 13 comprises a unitary integral member formed of sheet metal spring stock, having a base flange or supporting portion 14 of substantially semi-circular formation. Substantially at its central portion, this base flange or supporting portion is provided with a recess or perforation 15 which is adapted to accommodate a suitable securing means such as a screw 16. A body portion 17 extends upwardly from the base flange or supporting portion 14 and perpendicularly thereto and is provided at its end opposite the base flange or supporting portion 14 with a reversely bent tongue 18 which forms a yielding gripping portion with the rear side of the body portion 17. Preferably the lower edge 19 of the tongue 18 is spaced closer to the body portion than the bowed portion 20 thereof so that when the tongue 18 is slipped over the upper or thicker edge of the glass partition, the widest portion will suitably accommodate the thicker portion of the glass partition while the lower edge 19 of the tongue 18 will yieldingly grip the narrower portion of the glass partition.

The body portion 17 is provided with a longitudinal bead 21 adjacent one edge thereof to suitably reinforce such body portion to render it rigid. Along the opposite edge of the body portion 17, there is provided a perpendicularly disposed flange 22 of substantial length. To form a suitable guideway for accommodating the end edge of a second partition glass, such, for example, as 11, one or more tabs 23 preferably of semi-circular formation are struck up from the body portion 17 and disposed in parallel relation to the edge flange 22. Preferably, the space between the edge flange 22 and the tabs 23 is determined by the thickness of the bulb edge glass at its narrower portion.

Referring now more particularly to Figure 1, it will be noted that with the corner splicing member 13 in position and secured to the table top 10 by means of screw 16, after the tongue 18 has been slipped over the partition glass 12, the member 13 acts as a suitable reinforcing or bracing member for the partition glass 12 and, at the same time, provides a suitable guideway for accommodating the end edge of the partition glass 11 thereby providing a suitable reinforcing member or supporting means for the corner formed by the two partition glasses 11 and 12.

To form suitable compartments, similar corner splicing members may be employed such, for example, as 24, 25, and 26. It will be noted that corner splicing members 24 and 25 are duplicates of the corner splicing member 13 while corner splicing member 26 is provided with its bead and guideway in converse relationship from the similar elements of the members 13, 24 and 25. Thus, it will be readily apparent that it may be desirable to provide "rights" and "lefts". This will be more readily apparent when it is considered that it may be desirable to provide for relatively long transversely extending compartments running longitudinally of the table in substantially gridiron formation, the sizes of the compartments being varied within the spacing limits such, for example, as partition glass 12 and partition glass 27 for the provision of smaller compartments running transversely of the table top. Thus, corner splicing members 25 and 26 may accommodate a suitable partition glass, such as 28 to form a relatively small compartment A, or this partition glass 28 may be omitted forming a compartment running from glass 11 to the opposed glass 29.

Referring now more particularly to Figure 5, I have illustrated therein a brace or supporting member 30 formed of sheet metal spring stock material. This member comprises a base flange or supporting portion 31 having substantially centrally therethrough a recess or perforation 32 to accommodate a securing means for passage therethrough. A body portion 33 extends upwardly from the base flange or supporting portion 31 and terminates at its upper end with a reversely bent tongue 34 of similar characteristics as tongue 18 of the corner splicer hereinbefore described. To suitably reinforce the body portion 33, inasmuch as the member 30 is made of spring stock material, one or more beads 35 are provided in the body portion 33 running longitudinally thereof.

The brace or supporting member 30 is particularly suited for purposes of reinforcing the intermediate portion or portions of a relatively long glass partition member such, for example, as 11 (see Fig. 1), and in view of its similarity in general construction to the corner splicing member 13 hereinbefore described, it is believed that its application to a glass partition for the purpose noted will be readily understood.

It will thus be seen that I have provided simply constructed bulb edge glass partition bracing or supporting means and corner splicing means for display top tables which may be readily secured to or removed from such table top for purposes of forming with bulb edge glass suitable display compartments of various sizes, which are simple and neat in appearance, and which readily lend themselves to expeditious manufacture by stamping process.

While I have disclosed several preferred embodiments of my invention, it will be understood that I do not wish to be limited thereto. As will be readily understood by those skilled in the art, certain changes may be made therein without departing from the interest of the invention or the spirit or scope of the appended claims.

What I claim and desire to secure by Letters Patent is:—

1. A corner splicer for bulb edge partition glass comprising a base portion adapted to be secured to a surface upon which said partition glass is adapted to rest, a body portion extending from

said base portion, a yieldable portion adapted to take over the upper edge of one partition, and a guideway near one edge of the body portion for accommodating one end of another partition, said other partition being disposed at a right angle to the first partition, said guideway comprising a flange bent from said body portion and a tab punched from said body portion and disposed in parallel spaced relation to said flange.

2. A corner splicer for bulb edge partition glass comprising a one-piece member formed of spring stock having a base portion, a body portion, a bead in said body portion for maintaining the body portion rigid, a yieldable portion adapted to take over one edge of one partition, and a guideway adapted to accommodate an end of another partition forming a corner with said first named partition comprising a flange along one edge of said body portion and a pair of aligned tabs struck up from said body portion and disposed in parallel relation to said flange.

3. A corner splicer formed of spring stock comprising a base flange, a right-angularly disposed body portion extending from said base flange, a guideway on said body portion comprising an edge flange normal to the plane of said body portion and a plurality of aligned tabs struck up from said body portion and disposed in spaced parallel relation to said edge flange, a longitudinal bead formed in said body portion to render the body portion rigid, and a reversely bent yieldable gripping portion extending from said body portion at the end thereof opposite to said base flange.

4. A corner splicer for partition glass comprising a member formed of spring stock and having a base portion, a body portion, a yieldable portion adapted to take over one edge of one partition, and a guideway adapted to accommodate one end of another partition forming a corner with said first partition, said guideway comprising a flange turned up from one edge of the body portion and at least one tab struck up from said body portion and disposed adjacent said flange.

5. A partition support comprising a planar body portion of generally rectangular form having the base and an edge thereof turned normal to the plane of said portion, a plurality of metal tabs struck out of said body portion in spaced relation to said turned edge, and a resilient portion extending from the top of and doubled back over said body portion.

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