July 28, 1931. J. STACK 1,816,060

PARTITION CLIP

Filed March 2, 1928

Fig. 6

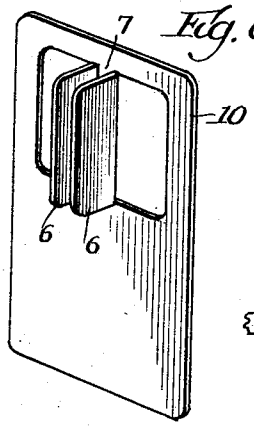


Fig. 1

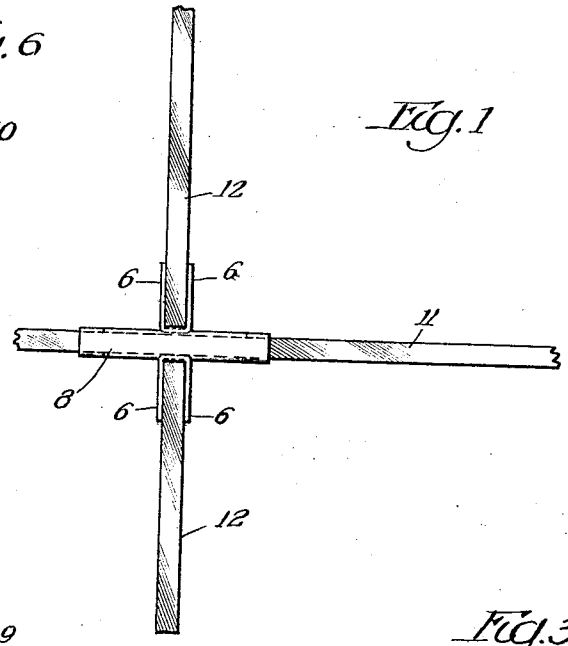


Fig. 2

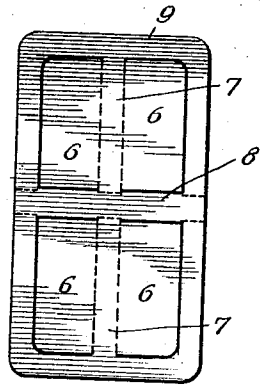


Fig. 3

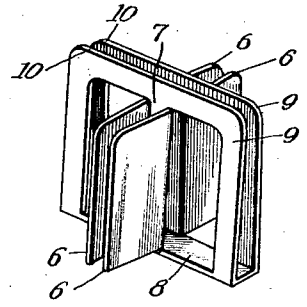


Fig. 4

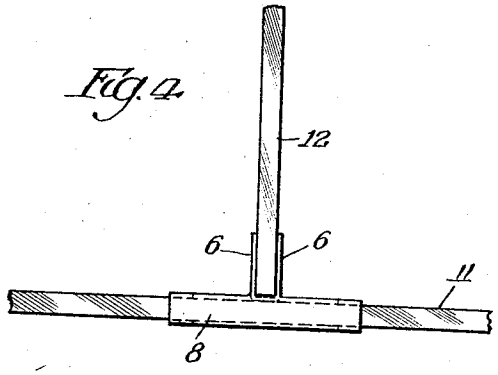
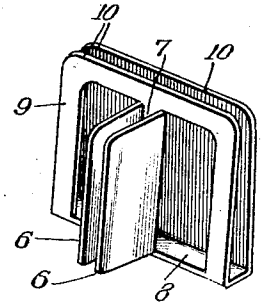


Fig. 5



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UNITED STATES PATENT OFFICE

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PARTITION CLIP

Application filed March 2, 1928. Serial No. 258,540.

This invention relates to clips for holding partitions, or dividers and for other purposes, and its object is to provide a strong and substantial one-piece clip of simple construction which can be easily made and which will hold the partitions securely and rigidly in place.

Other objects are to provide a clip which can be readily arranged in desired position and with which the partitions can be easily engaged and disengaged; which is small in size and compact in shape; which lies flat against the partitions and preserves the corner shape without reducing the display or storage space in trays or drawers; and which can be made in simple stamping operations.

In the accompanying drawings I have illustrated selected embodiments of the invention and referring thereto,

Fig. 1 is a bottom plan view showing a four way clip applied to three partitions.

Fig. 2 shows the clip at one step of the stamping operation.

Fig. 3 is a perspective view of the completed clip.

Fig. 4 is a bottom plan view showing a three way clip applied to two partitions.

Fig. 5 is a perspective view of a three way clip.

Fig. 6 shows a clip for a partition end.

The clip is preferably made of spring metal by stamping, but for some purposes it can be made of other materials, and by other methods. When a four way clip is made of thin sheet metal by stamping it is cut from a blank in the manner indicated in Fig. 2 with four wings 6 arranged in pairs, the wings of each pair being spaced apart by a connecting strip 7 and the two pairs and the connecting strips being separated by a transverse base strip 8. A margin strip 9 surrounds the wings and is integrally connected to the outer ends of the connecting strips 7 and the base strip 8. The cut blank is bent to the form shown in Fig. 3, the transverse strip 8 forming the base of the clip, the margin strip 9 and the connecting strip 7 forming two skeleton clamp members 10 spaced apart and integrally connected by the base strip, and each pair of wings 6 being bent to form clamp wings which project outward in pairs centrally from the clamp members 10. The wings 6 are shown projecting at substantially right angles from the clamp members 10, but this angular disposition of the wings may be changed if desired. The base strip and the clamp members comprise a channel member adapted to receive a partition and the wings are mounted on one or both clamp members to receive a partition or partitions abutting the clamp members.

My invention will be found especially useful for holding glass or other partitions or dividers used on counters for displaying notions and other small goods in stores. A long partition 11 is seated on the base strip 8 between the clamp members 10 and two other partitions 12, 12 are engaged between the clamp wings 6, and are abutted against the connecting strips 7 to form a neat closed four corner joint. The clamp members 10 and the wings 6 are bent slightly inward to tightly grasp the partitions. Instead of the long partition 11 two partitions like 12 may be used with their ends abutting.

The three way clip is made in the same way except that only one pair of wings is provided, Figs. 4, 5.

To support the outer end of a partition at the outer wall of a counter, for example, I provide a clip, as shown in Fig. 6, which is a part formation of the three-way clip of Figs. 4 and 5 before the clamp members 10 and bent to substantially parallel position. This single clip is adapted to be inserted in a joint between the top and the rim of a counter, to lie flat against the inside of the rim and it has one pair of wings 6, 6 to receive the end of a partition. The single clip has a body portion 13 below the wings to be engaged with the counter and the construction is such that the clip can be easily adjusted in proper position to receive the partition.

My invention provides a clip which can be used for many other purposes than those herein specifically mentioned and while I have shown it in forms entirely satisfactory commercially I reserve the right to make all changes therein within the scope of the following claims.

I claim:

1. A clip comprising a pair of wings, a strip connecting said wings at their inner ends, a pair of clamp members, a base strip connecting said clamp members and connected to the lower end of the connecting strip, one of said clamp members comprising a margin strip connected to the ends of the base strip and to the upper end of the connecting strip.

2. A bracket of the character described composed of a single piece of sheet metal and comprising a base member, and two upstanding side members bent up from the edge portions of the base member to form a partition receiving channel therebetween, at least one of said side members having two laterally projecting wing portions formed from the material of said side member and bent out from the middle portion thereof to form a partition receiving channel between them.

3. A bracket of the character described composed of a single piece of sheet metal and comprising a flat base member, and two upstanding converging side members bent up from the edge portions of the base member to form a partition receiving channel therebetween, at least one of said members having two laterally projecting and converging wing portions formed from the material of said side member and bent out from the middle portion thereof to form a partition receiving channel between them.

4. A bracket of the character described composed of a single piece of sheet metal and comprising a flat base member, and two upstanding side members bent up from the edge portions of the base member to form a partition receiving channel therebetween, each side member having two laterally projecting wing portions formed from the material of the side member and bent out from the middle portion thereof, the wing portions of the two side members being oppositely disposed and forming aligned partition receiving channels.

5. A bracket of the character described composed of a single piece of sheet metal and comprising a flat base member, and two upstanding side members bent up from the edge portions of the base member to form a partition receiving channel therebetween, at least one of said side members having upright end portions, a middle upright portion and a horizontal top portion, and there being two wings projecting laterally from the side edges of the middle upright portion and composed of the material struck up between the end portions and the middle portion, said wings forming a partition receiving channel between them.

6. A bracket of the character described composed of a single piece of sheet metal and comprising a flat base member, and two upstanding converging side members bent up from the edge portions of the base member to form a partition receiving channel therebetween, each side member having upright end portions, a middle upright portion and a horizontal top portion, and there being two converging wings projecting laterally from the edge portions of the middle upright members and composed of the material struck up between the end portions and middle portion, the wings of each side member being oppositely disposed and each pair of wings forming a partition receiving channel between them.

JOHN STACK.