

Aug. 14, 1934.

W. SCHAAKE

1,970,395

MOUNTING DEVICE

Filed Feb. 8, 1934

Fig. 1.

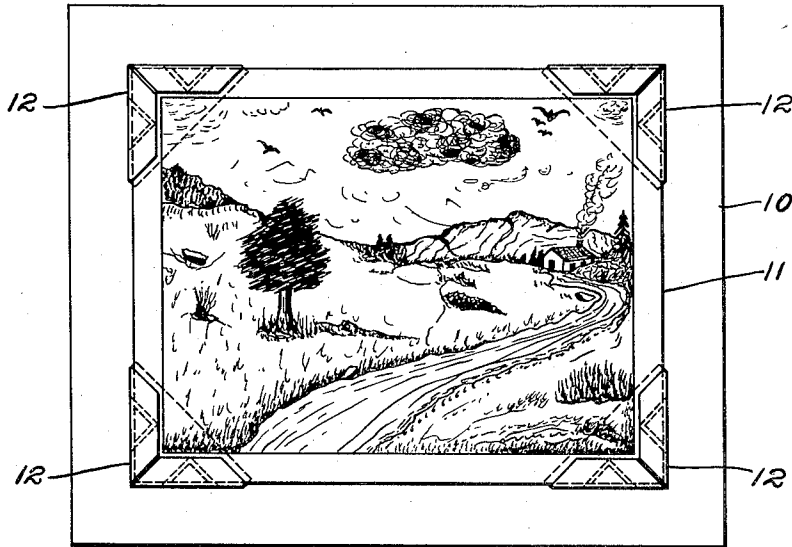


Fig. 2.

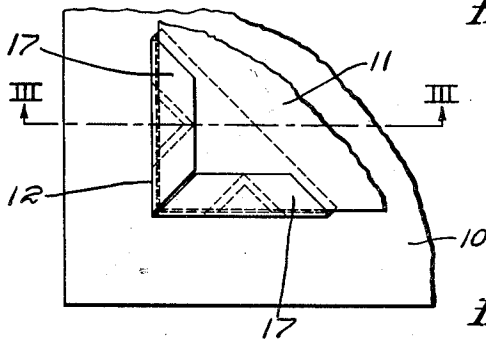


Fig. 5.

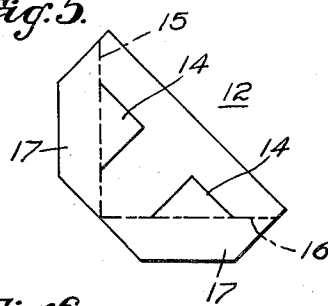


Fig. 3.

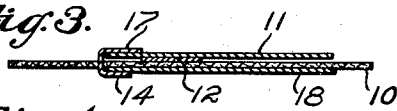


Fig. 6.

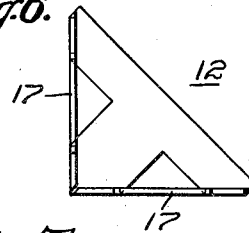


Fig. 4.

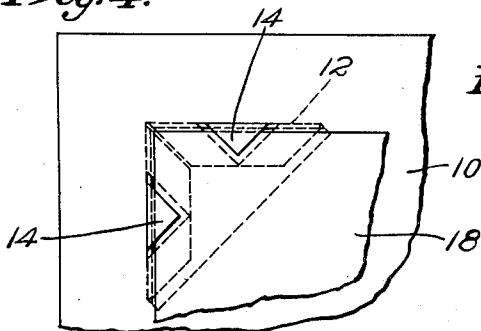
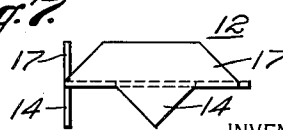


Fig. 7.



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1,970,395

MOUNTING DEVICE

William Schaake, Pittsburgh, Pa.

Application February 8, 1934, Serial No. 710,227

11 Claims. (Cl. 40—158)

My invention relates generally to fastening devices and it has particular relation to devices for securing photographs, cards or the like to a support member or sheet.

for securing cards on opposite sides of a sheet by a single set of mounting devices.

Still another object of my invention is to provide for securing cards of the same size on opposite sides of a sheet by means of a single set of mounting devices.

A further object of my invention is to provide for readily bending the flaps of a corner device to secure it to a card and to a support member or sheet.

Other objects of my invention will, in part, be obvious and will, in part, appear hereinafter.

My invention accordingly is disclosed in the embodiment hereof shown in the accompanying drawing and comprises the features of construction and arrangement of parts which will be exemplified in the construction hereinafter set forth and the scope of the application of which will be indicated in the appended claims.

For a more complete understanding of the nature and scope of my invention, reference may be had to the following detailed description, taken in connection with the accompanying drawing, in which:

Figure 1 is a top plan view showing a photograph mounted with my novel corner devices;

Fig. 2 is an enlarged plan view of one of my novel corner devices in place;

Fig. 3 is a sectional view taken along the line III—III of Fig. 2;

Fig. 4 is a bottom plan view to the same scale as Fig. 2, showing one corner of a card mounted on the reverse side of the sheet;

Fig. 5 is a plan view of the corner device, the flaps being unfolded;

Fig. 6 is a top plan view of my novel corner device, the flaps being folded at right angles to the main portion of the corner device; and,

Fig. 7 is a view in end elevation of one of the corner devices showing the flaps as bent in Fig. 6.

Referring now particularly to Fig. 1 of the drawing, the reference character 10 designates a mounting member or sheet such as is used in photograph albums. A card 11, which, as illustrated, may be a photograph or the like, is arranged to be mounted on the sheet 10 by means of corner devices shown generally at 12. It will be understood that any other type of card or photograph 11 may be mounted on the sheet 10, which also may be any other suitable mounting device, the combination of a photograph, as mounted on a sheet of a photograph album, being used for illustrative purposes only.

Referring now particularly to Figs. 5, 6 and 7, of the drawing, it will be observed that the corner

I am aware that various devices have been used in the past for securing photographs, cards or the like to sheets such as pages of a photograph album. In general, these devices comprise paper corner devices which are folded in such manner as to envelop the corners of the photograph or card to be mounted. The devices of the prior art are provided with a sticky or adhesive substance which, when moistened, serves to hold the corners to the sheet.

It is well known that the adhesive substance loses its qualities if the devices are kept in stock too long. Furthermore, the adhesive substance is also affected by weather conditions and is rendered unusable in certain instances.

Devices using an adhesive substance for securing them to the sheet are difficult to apply, due to the fact that a certain amount of time and skill are required to stick them to the sheet. Furthermore, they will not stand severe usage and are liable to be loosened, in the event that the sheets on which they are mounted are bent or creased.

Another method for securing photographs, cards or the like to a sheet comprises the use of an embossing device which is arranged to provide raised portions in the form of loops. This method necessitates the use of a special embossing machine which is expensive and awkward to handle.

If the sheets are embossed so that cards or photographs may also be mounted on the opposite or back side, ordinarily it is necessary to reduce the outside dimensions of the card to be mounted since it is not possible to provide the raised portions one above the other. This method has the further disadvantage that the cards or photographs are quite likely to be removed from the embossed or raised portions when the sheet on which they are mounted is bent.

The object of my invention, generally stated, is to provide a corner device for mounting photographs, cards or the like which shall be simple and effective when applied and which may be readily and economically manufactured and used.

The principal object of my invention is to provide for securing cards, photographs or the like to a mounting member or sheet.

Another important object of my invention is to provide for securing cards, photographs, or the like to a sheet without the use of a sticky or adhesive substance.

Another object of my invention is to provide

device 12 is formed from a single sheet of material which may be copper, aluminum, steel, or the like, having a thickness of approximately ten thousandths of an inch, and having the property of being readily bendable and adapted to remain in any position in which it may be bent. The device 12 may first be punched in the form of an oblong with two of the corners along one of the longer dimensions removed, as illustrated. At the same punching operation, triangularly shaped lower flaps 14 may be punched out and arranged to be bent along the lines 15 and 16, which as shown, are at right angles to each other. At the same punching operation, upper flaps 17 may also be bent along substantially the same lines 15 and 16, so that the finished product will appear as illustrated in Figs. 6 and 7.

It will be observed that the lower flaps 14 and the upper flaps 17 are arranged to be bent along substantially the same lines for a purpose which will be set forth hereinafter.

Referring now particularly to Figs. 2, 3 and 4 of the drawing, it will be observed that these figures illustrate the corner device 12 in operative position. It will be understood that the thickness of the corner device 12 has been exaggerated, in order to more clearly illustrate the invention and to permit the sectioning of the parts, as illustrated in Fig. 3.

In order to mount the photograph or card 11, a corner device 12 is fitted to each corner of the photograph 11 and the upper flaps 17 are turned downwardly to engage it, as illustrated in Figs. 1, 2 and 3. The lower flaps 14 will then be extending rearwardly at right angles to the plane of the photograph or card 11. The photograph 11 is then positioned in the desired location on the sheet 10. A yielding substance such as art gum or the like is preferably positioned behind each of the devices 12 at the corner of the photograph 11 and underneath the sheet. Each of the corner devices 12 may then be pushed into the sheet 10, the lower flaps 14 perforating the sheet 10 and extending beyond the surface thereof.

The sheet 10 may then be turned over and a second photograph or card 19, as is shown more clearly in Fig. 4, may be inserted between the upstanding flaps 14, which may then be turned downwardly to engage the second photograph or card 18.

It will be observed that the holding device 12 described hereinbefore serves to retain two photographs of the same size in opposite sides of a sheet, because the flaps 14 and 17 are arranged to be folded along substantially the same lines 15 and 16, and that only one set of these devices is required for holding two photographs located on opposite sides of a sheet in position. Furthermore, the photographs are secured to the sheet without the use of any adhesive substance, thereby insuring that the photographs will be retained in position for an indefinite period.

In certain instances it may be desirable to mount the card 11 on the front of a sheet and then to press the lower flaps 14 into it but not to bend them on the back. This may be desirable where one wishes to temporarily mount a card or photograph and be able to readily remove it.

It will be understood that the corner device 12 may be offered for sale with the upper and lower flaps 14 and 17 in different positions than as illustrated in Figs. 6 and 7 of the drawing.

Thus, the lower flaps 14 may only be punched out of the main body of the corner device 12, leaving the user to bend them downwardly on mounting the photograph 11. Also, the upper flaps 17 may be bent by the punching operation, as shown in Fig. 3, so that it will be unnecessary to bend them on applying the corner devices 12 to the photograph 11.

Since certain further changes may be made in the above construction and different embodiments of the invention may be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense.

I claim as my invention:

1. A corner device for mounting a card or the like on a support member comprising a blank having bendable flaps for securing it to a corner of said card, and additional flaps secured to said blank and bendable along substantially the same lines as said first-named flaps for perforating said support member to secure said blank thereto.

2. A corner device for mounting a card or the like on a support member comprising a blank having bendable flaps for securing it to a corner of said card, and pointed lugs integrally formed with said blank and bendable along substantially the same lines as said first-named flaps for perforating said support member to secure said blank thereto.

3. A device for securing a corner of a card or the like to a support member comprising a thin metallic blank having bendable flaps for securing it to said card, and additional flaps integrally formed from said blank and bendable along substantially the same lines as said first-named flaps for perforating said support member to secure said blank thereto.

4. A device for securing a card or the like to one side of a support member comprising a blank having bendable means for securing it to said card, and additional bendable means secured to said blank for perforating said support member, said last-named means disposed to secure a second card or the like on the other side of said support member.

5. A device for securing a corner of a card or the like to one side of a support member comprising a thin metallic blank having bendable flaps for securing it to said card, and additional bendable flaps integrally formed from said blank for perforating said support member, said additional flaps disposed to secure a second card or the like on the other side of said support member.

6. A device for securing a card or the like to one side of a support member comprising a blank having a pair of angularly disposed bendable flaps for securing it to said card, and an additional pair of angularly disposed flaps bendable on substantially the same lines as said first-named flaps for perforating said support member, said last-named flaps disposed to secure a second card or the like on the other side of said support member.

7. A device for securing a corner of a card or the like to one side of a support member comprising a thin metallic blank having a pair of angularly disposed bendable flaps for securing it to said card, and an additional pair of angularly disposed flaps integrally formed from said blank and bendable on substantially the same lines as said first-named flaps for perforating said support member, said last-named flaps

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disposed to secure a second card or the like on the other side of said support member.

the like to a support member comprising a thin metallic blank having a pair of flaps integrally formed from within the confines of said blank and bendable at right angles to form a pocket for said corner and retaining means integrally and internally formed from within the confines of said blank inside the fold lines of said flaps for projecting through said support member to secure said blank thereto.

8. A device for securing a card or the like to a support member comprising a blank having bendable means for securing it to said card and additional means secured to said blank inside the fold lines of said bendable means and bendable internally within the confines thereof for projecting through said support member to secure said blank thereto.

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9. A device for mounting a card or the like on a support member comprising a thin metallic blank having bendable means integrally formed from within the confines of said blank for securing it to a corner of said card and retaining means also integrally formed from within the confines of said blank inside the fold lines of said bendable means for projecting through said support member and bendable internally to secure said blank thereto.

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11. A device for securing a corner of a card or the like to a support member comprising a thin metallic rectangular blank having a pair of flaps integrally formed from within the confines of said blank and bendable at right angles to form a pocket for said corner and an additional flap integrally and internally formed from within the confines of said blank inside the fold lines of said flaps for projecting through said support member to secure said blank thereto.

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10. A device for securing a corner of a card or

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