Dec. 9, 1930. F. C. MANY 1,784,299

TIE FOR CARDS, SHEETS, ETC

Filed Aug. 24, 1929

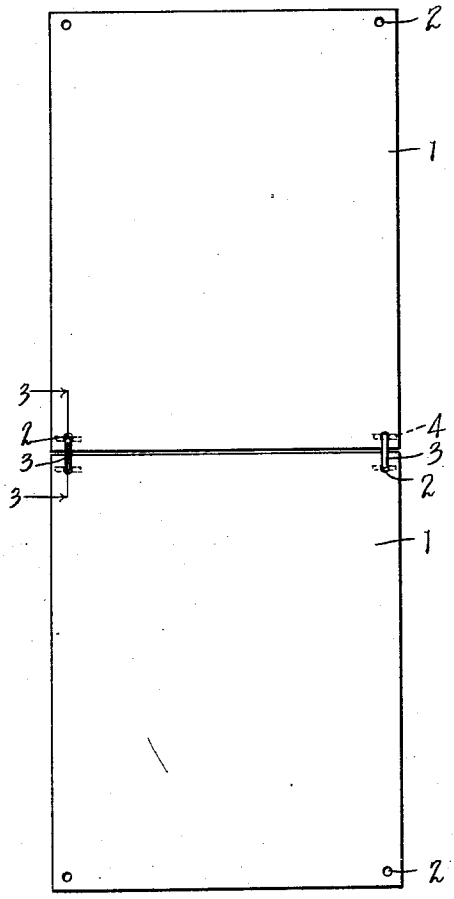


Fig. 1

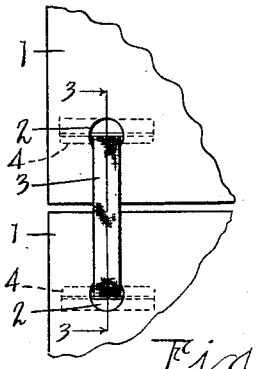


Fig. 2

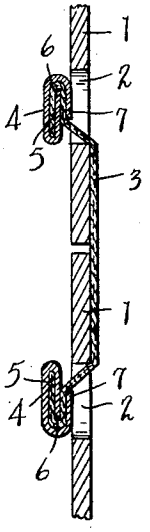


Fig. 3

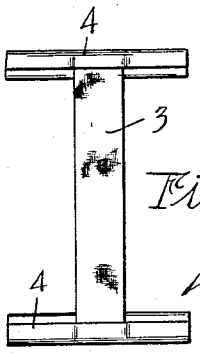


Fig. 4

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UNITED STATES PATENT OFFICE

FILLETTE C. MANY, OF KALAMAZOO, MICHIGAN

TIE FOR CARDS, SHEETS, ETC.

Application filed August 24, 1929. Serial No. 388,107.

The main object of this invention is to provide a tie for cards or sheets such as pictures or drawings, enabling the effective display thereof, by means of which cards or sheets may be quickly connected or disconnected without injury thereto.

A further object is to provide an assembly of cards or sheets which enables their being folded together one upon another or extended for display purposes.

Objects pertaining to details and economies of my invention will definitely appear from the description to follow. The invention is defined in the claims.

A structure embodying the features of my invention is clearly illustrated in the accompanying drawing, in which:

Fig. 1 is an elevation of an assembly of sheets embodying my invention.

Fig. 2 is an enlarged detail illustrating details of the tie.

Fig. 3 is an enlarged fragmentary section on line 3—3 of Figs. 1 and 2.

Fig. 4 is a plan view of one of my improved ties.

In the accompanying drawing, 1, 1 represent cards or sheets such as are commonly employed for pictures or drawings in school work. These sheets are provided with holes 2 adjacent each corner so that when the sheets are arranged edge to edge the holes are in alinement.

The ties comprise tapes 3 and end bars or members 4. These end bars 4 are of substantially greater length than the width of the ties and are secured thereto to project beyond each edge of the ties. The end members are preferably formed of strips of sheet metal folded upon themselves, the ends 5 of the tape being engaged within the folds of the end members.

The extreme end of the tape is arranged within the inner arm 6 and around the edge thereof while the outer arms or edges 7 of the end members are clamped upon the tape, thus firmly securing the tape to the end bars and providing a binding for the ends of the tape.

To secure the cards or sheets in their assembled relation the ties are passed endwise through the holes 2 and then turned crosswise thereof, thereby securing the tapes to the cards. The ties may be quickly engaged and disengaged with the sheets without injury thereto.

It has heretofore been the practice in displaying drawings or pictures, particularly in school work and the like, to tie a series of the drawings together by means of tapes. Unless considerable care is used this is likely to tear the cards or sheets, or the ties are of uneven length with the result that the display is unattractive or an excessive amount of tape is exposed. The ties of this application are inconspicuous, the sheets are uniformly spaced and are quickly connected and disconnected without injury. The ties are very inexpensive to produce.

Having thus described my invention what I claim as new and desire to secure by Letters Patent is:

1. The combination in an assembly of cards or sheets, of a plurality of the cards or sheets disposed edge to edge and having holes spaced from their adjacent edges, and ties connecting said cards or sheets consisting of flexible tapes and end bars of substantially greater length than the width of the tape and to which the ends of the tape are centrally secured, the holes being of such size as to receive the bars when presented endwise thereto, the tape being retained within the holes when the bars are disposed transversely thereof.

2. The combination in an assembly of cards or sheets, of a plurality of the cards or sheets disposed edge to edge and having holes spaced from their adjacent edges, and ties connecting said cards or sheets consisting of flexible tapes and end bars of substantially greater length than the width of the tape folded upon the ends of the tape, the holes being of such size as to receive the bars when presented endwise thereto, the tape being retained within the holes when the bars are disposed transversely thereof.

In witness whereof I have hereunto set my hand.

FILLETTE C. MANY.