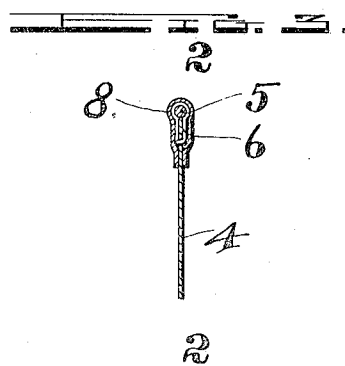
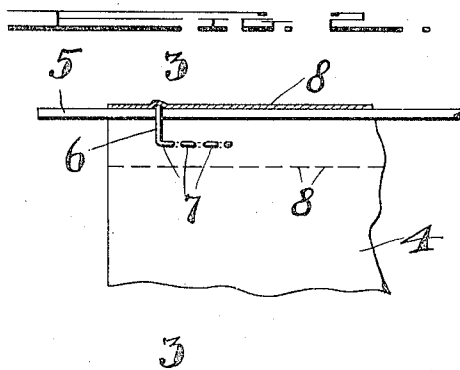
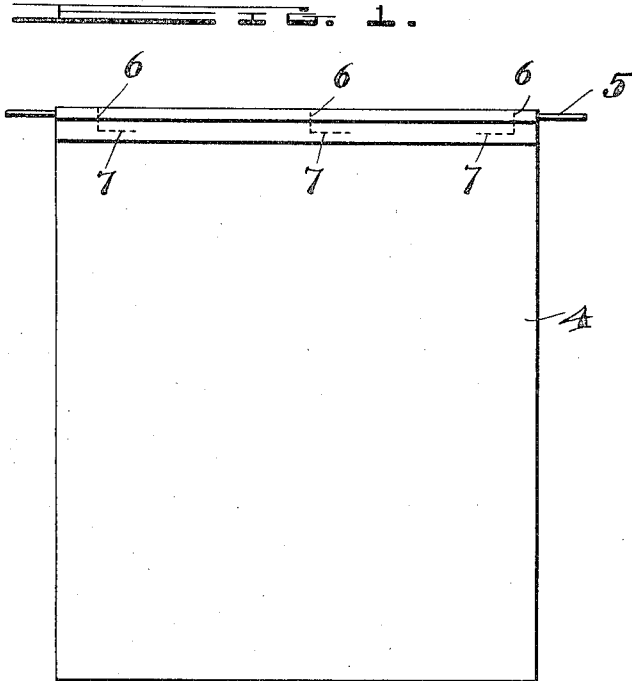


W. C. CUTLER.
CARD SUSPENDING DEVICE.
APPLICATION FILED MAR. 9, 1920.

1,348,546.

Patented Aug. 3, 1920.



William C. Cutler. INVENTOR

UNITED STATES PATENT OFFICE.

WILLIAM C. CUTLER, OF NORTH GLENDALE, CALIFORNIA.

CARD-SUSPENDING DEVICE.

1,348,546.

Specification of Letters Patent.

Patented Aug. 3, 1920.

Application filed March 9, 1920. Serial No. 364,561.

To all whom it may concern:

Be it known that I, WILLIAM C. CUTLER, a citizen of the United States, residing at North Glendale, in the county of Los Angeles and State of California, have invented a new and useful Card-Suspending Device, of which the following is a specification.

This invention relates to devices for suspensibly storing cards, engaging such cards along one of the edges.

One of the objects of this invention is to provide proper means for storing cards suspended on one edge.

Another object is to prevent a tearing out of cards at the edge at which the cards are suspendedly stored.

Another object is to provide means to make it easy to engage the edge of a card to a rod, on which the card is to be suspendedly stored.

Another object is to provide strong engaging means on one edge of a card for storing purposes and for allowing the operation and lifting of the card by the outwardly extending portions of the engaging means by mechanical mechanism, especially as in information displaying card systems.

Other objects will appear from the following description and appended claims as well as from the accompanying drawing, in which—

Figure 1 is a front elevation of an information displaying card of the type used in my devices patented under several dates, some of them are — 1,120,910, 1,120,909, 1,152,795, 1,214,013, the card being provided with my present suspending means.

Fig. 2 is a fragmentary detail sectional view on lines 2—2 of Fig. 3.

Fig. 3 is a cross section on line 3—3 of Fig. 2.

Attaching anything to a card of this kind, naturally subjects such card to tearing, and, if valuable information is displayed on such cards, a reprinting of such cards is usually very expensive and even hard to obtain. For this reason it is of importance to have the storing of such cards accomplished in such a manner as to transfer the wearing and tearing during the operations for displaying and restoring the cards over to a suitably stronger member, suitably engaging permanently with such cards.

The card 4 is preferably of a flat straight type with the information displaying material embodied in one of its larger surfaces.

To make a handling of such cards easy, they are preferably stored in a hanging position from where they can easily be lifted without friction of one against the other, as will easily be understood. Suspending such cards by holding them at one edge, naturally subjects this one edge to the whole wearing and tearing during the handling of the cards.

A rod 5, made of steel, aluminum, or any other similarly strong enough material, is preferably provided to form the wearing and supporting member of the card. To secure the rod 5 to the card; leather, cloth, or other similar material, similar to the material used over the back of books, is used preferably. In securing the rod to the card in such a manner, naturally, similar trouble is experienced as in binding books, that is—the same as in binding books where it is necessary to first bind the several sheets by fastening them together or sewing them suitably, it is also of advantage and makes the process of attaching the card to the rod more simple and convenient by having some means to first bind or suitably secure the rod to the card before pasting or gluing the cover over the binding. For this purpose, I prefer to use thin wires 6, engaged over the rod 5 and laced through the card, as indicated at 7, see Fig. 2. Such binding or lacing means 6 can naturally be of different material, steel, brass, thread, or any other similar binding material, as long as it is strong enough for the purpose. Such binding then naturally holds the rod 5 in proper position in relation to the card so that the back cover 8 can be applied without any difficulty and without the slightest chance that the rod might be moved out of proper position while the cover is applied, which otherwise, without the binding, can easily happen, as will easily be understood. Having glue or paste on a cover of this kind while applying it to a second member, (the back of a book, or as in this case—to the one edge of the card) it will easily be understood that, during the applying of the cover to the card or second member, the third member (that is in this case—the rod or supporting and wearing member 5) may easily slip sideways, that is—out of proper position in relation to the card 4.

Such side motion may also occur after the finishing of the gluing or pasting, as will easily be understood, if only held by the

cover 8. The slightest stretching of the cover can release the rod 5 enough to allow such a slipping of the rod 5 within the cover 8 to come out of its proper position in relation to the card. On the other hand, binding and tying the rod 5 by wires or other similar means 6, such means 6 naturally can be so tightly and solidly wound around the rod 5 and laced through the material of the card as indicated at 7 as to make it impossible for the rod to slip out of its proper position in relation to the card, as will easily be understood. The cover then naturally tends to hold the whole together without being subjected to overmuch strain in the supporting of the card, the wires or means 6 naturally doing the most and the cover 8 uniting the whole more evenly.

Having thus described my invention, I claim:

1. In a device of the class described in combination with a card and supporting and wearing means for the card, binding means for rigidly tying the card to the supporting and wearing means, and a cover for engaging the binding means and the card so as to prevent a disengaging of the binding means from the card thereby uniformly holding the several parts together.

2. In a device of the class described in

combination with a card and supporting and wearing means for the card, binding means tied around the supporting and wearing means and laced through the material near one of the edges of the card, and a cover for engaging over the binding means and over the engaged edge of the card.

3. In a device of the class described in combination with a card and a rod, binding means for tightly engaging the rod with one edge of the card, and a cover for engaging over the rod and binding means with one edge of the card.

4. In a device of the class described, a card, a rod of a length to form the supporting and wearing means for the card, binding means for tightly engaging the rod with one edge of the card so as to prevent the rod from sliding lengthwise in relation to the engaged edge of the card, and a cover for engaging over the rod as well as over the binding means and over the engaged edge of the card.

In testimony that I claim the foregoing as my invention I have signed my name in the presence of two subscribing witnesses.

WILLIAM C. CUTLER.

Witnesses:

OTTO H. KRUEGER,
LUCIEN GRAY.