

H. C. JONES.  
 LOCKING DEVICE FOR INDEX CARDS.  
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1,367,550.

Patented Feb. 8, 1921.

Fig. 1.

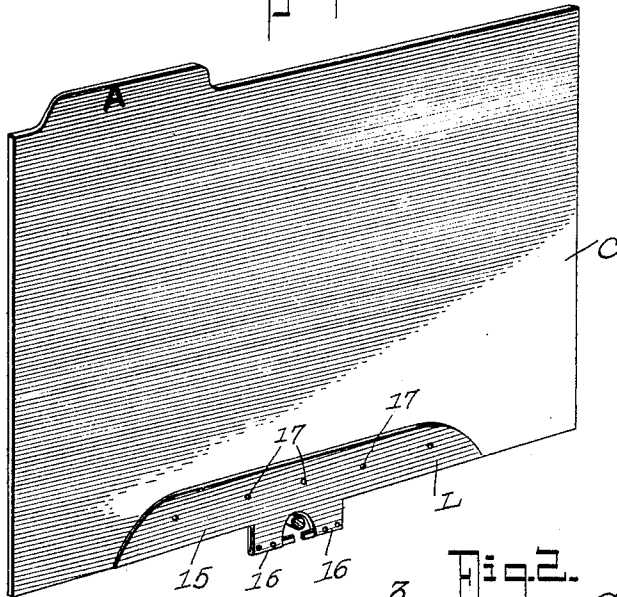


Fig. 2.

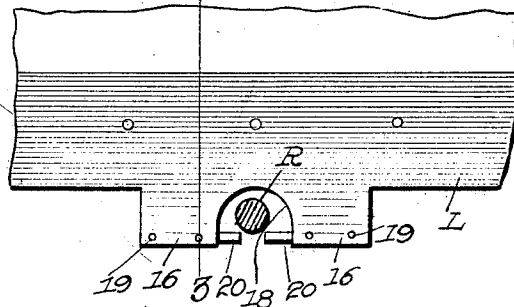
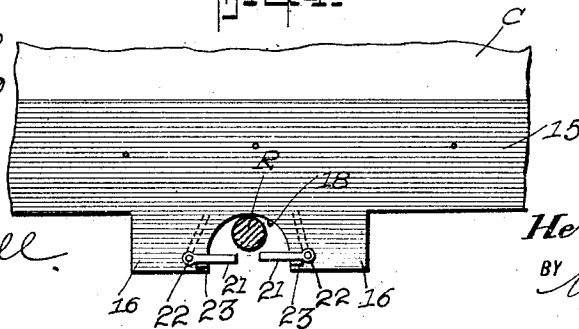


Fig. 3.



Fig. 4.



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## LOCKING DEVICE FOR INDEX-CARDS.

1,367,550.

Specification of Letters Patent.

Patented Feb. 8, 1921.

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*To all whom it may concern:*

Be it known that I, HENRY CUTLER JONES, a citizen of the United States, and a resident of Lemon Cove, in the county of Tulare and State of California, have invented certain new and useful Improvements in Locking Devices for Index-Cards, of which the following is a specification.

My invention relates to filing or index cards adapted for use in index filing cases equipped with a rod for locking the cards in place.

The purpose of my invention is the provision of index cards having locking means carried thereby for positively securing the card to the rod in a manner to eliminate the necessity of completely or even partly removing the rod from the filing case in effecting the insertion or removal of a card.

I will describe one form of card and two forms of locking devices embodying my invention and will then point out the novel features thereof in claims.

In the accompanying drawings, Figure 1 is a view showing in perspective one form of index card having applied thereto one form of locking device embodying my invention.

Fig. 2 is an enlarged fragmentary view showing in front elevation a portion of the card and locking device shown in Fig. 1.

Fig. 3 is a vertical sectional view taken on the line 3—3 of Fig. 2.

Fig. 4 is a view similar to Fig. 2 showing another form of locking device embodying my invention.

Similar reference characters refer to similar parts in each of the several views.

Referring specifically to the drawings, C designates an index card of the usual construction to the lower edge of which is applied one form of locking device embodying my invention which is generally designated at L. The locking device L comprises a yoke formed from a single sheet of metal or the like, which is bent upon itself intermediate its edges and along its longitudinal axis to provide body portions 15 and a pair of U-shaped extensions 16. In the applied position of the yoke, the lower edge of the card C is inserted between the body portions 15, as illustrated to advantage in Fig. 3, and is secured therein by means of pins or rivets 17. In this position of the body portions 15, the extensions 16 are disposed in depending relation to the lower edge of

the card C, and as shown in Figs. 1 and 2, the extensions are spaced apart to form a recess or pocket 18, in which the usual locking rod R is adapted to be placed. Secured by means of rivets 19 between the folds of the extensions 16 at the lower ends thereof are locking fingers 20. As shown in Fig. 2, the confronting ends of the fingers 20 project into and partly span the mouth or open end of the pocket 18 in such manner as to partly constrict the same. This constriction is such as to prevent the lateral insertion of the rod R into the pocket without inwardly bending the fingers. The fingers 20 are formed of resilient material and are so arranged within the extensions as to permit flexing thereof in a plane at right angles to the plane of the card C. It will therefore be seen that when applying the card to the rod R it is necessary to hold the card at an angle other than a right angle with respect to the rod and with the card in this position, the rod may be laterally inserted into the pocket by forcing the card downwardly on to the rod, and then restoring it to its normal vertical position. As the fingers 20 are formed of a resilient metal, it is obvious that, after the card has been applied to the rod, the fingers will return to their normal positions, thereby locking the card to the rod and preventing accidental disengagement of the two.

Referring now to Fig. 4, I have here shown another form of locking device which is identical to the first form of locking device, with the exception that the former is provided with dogs or pawls 21 which are pivoted as at 22 on the extensions 16. As shown in solid lines in Fig. 4, the dogs 21 normally assume a horizontal position and are supported in this position by means of lugs 23 formed on the extensions 16 adjacent to the mouth of the pocket 18. The confronting ends of the dogs 21 are normally spaced apart a distance sufficient to cause the same to be lifted to the position shown in dash lines when the card is applied to the rod R to effect the insertion of the rod into the pocket. After this operation has been effected, it is obvious that, because of the mounting of the dogs 21, they will gravitate to horizontal position upon the lugs 23. Because of the disposition of the lugs 23, it will be clear that a card cannot be removed from the rod without first lifting the dogs to the position shown in dash lines.

Although I have herein shown and described only two forms of locking devices embodying my invention, it is understood that various changes and modifications may be made herein without departing from the spirit of the invention and the spirit and scope of the appended claims.

Having thus described my invention, what I claim is:

10 1. In combination, a card for use in card index filing cases, and a locking device carried by the card for locking the same to the locking rod of the case comprising, a yoke having a pocket formed therein and a pair  
15 of movable fingers biased to a spanning position with relation to the mouth of said pocket in a manner to cause movement of the same against their bias when the rod is inserted into the pocket, and to allow of  
20 their return to their biased position after the rod is inserted into the pocket.

2. In combination, a card for use in card indexing filing cases, and a device carried by said card for locking the same to the locking rod of the case comprising, a yoke having a pocket formed therein, and a pair of  
25 fingers resilient in one direction partly spanning the mouth of said pocket and supported for flexing at right angles to the plane of the card.

30 3. In combination, a card for use in card indexing filing cases, and a device carried by

said card for locking the same to the locking rod of the case comprising, a yoke formed from a single sheet of metal bent to embrace the lower edge of said card, depending extensions formed on said yoke, said extensions being spaced apart to provide a pocket, and movable fingers biased to a position wherein they partly span the  
40 mouth of said pocket.

4. In combination, a card for use in card indexing filing cases, and a device carried by said card for locking the same to the locking rod of the case comprising, a yoke having a pocket formed therein, dogs pivoted on said yoke and partly spanning the mouth of said pocket, and lugs associated with said dogs to lock the same against outward movement with respect to the mouth of said pocket.

5. In combination, a card for use in card index filing cases, and a locking device carried by the card for locking the same to the locking rod of a case comprising, a yoke having a pocket formed therein, and movable means for permitting the insertion of the rod into the pocket and for locking the rod therein after insertion.

6. A locking device for index cards, comprising a yoke having a pocket formed therein, and movable means for permitting the insertion of a rod into the pocket and for locking the rod therein after insertion.

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