June 5, 1956 B. E. RIMKUS 2,748,841

UNDERSEAT BOOKRACK

Filed Feb. 17, 1955 2 Sheets-Sheet 1

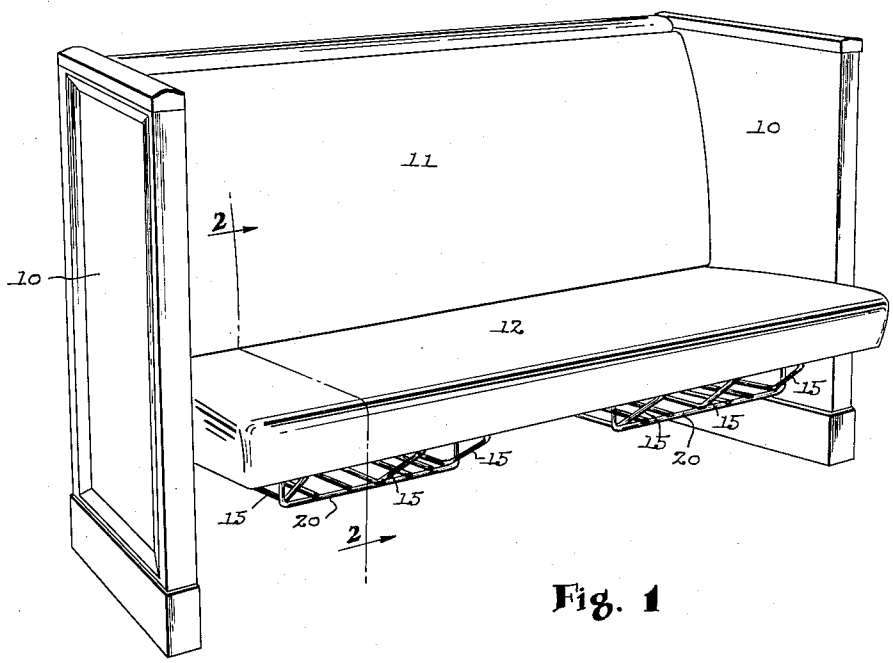

Fig. 1

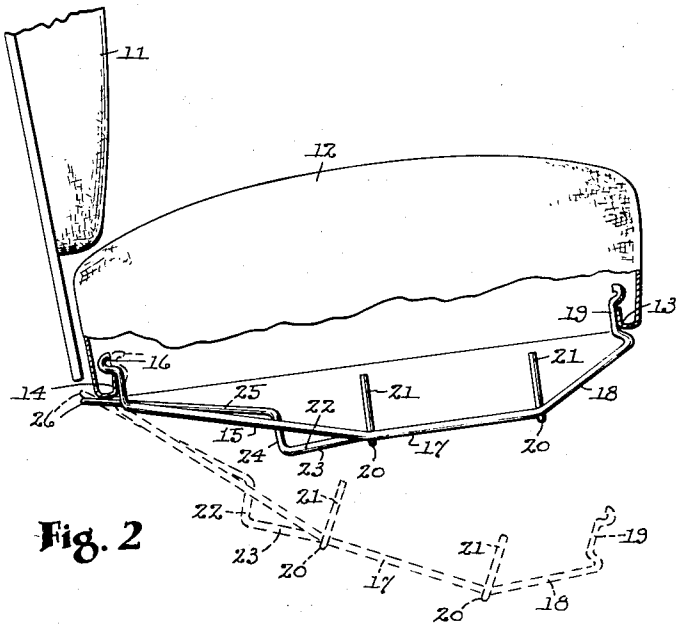

Fig. 2

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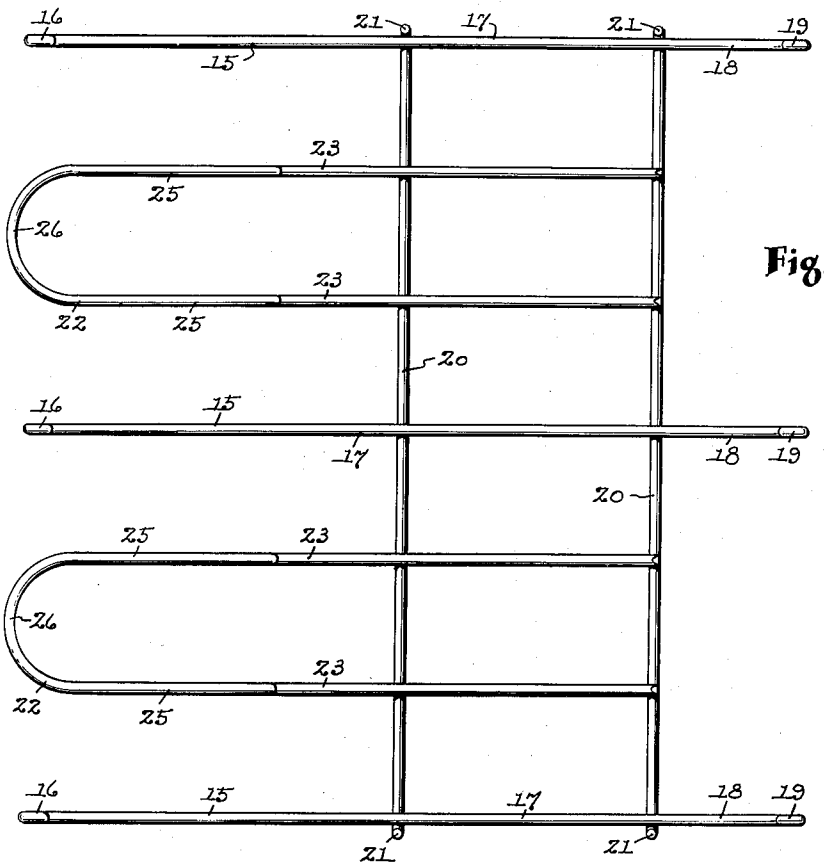

Fig. 3

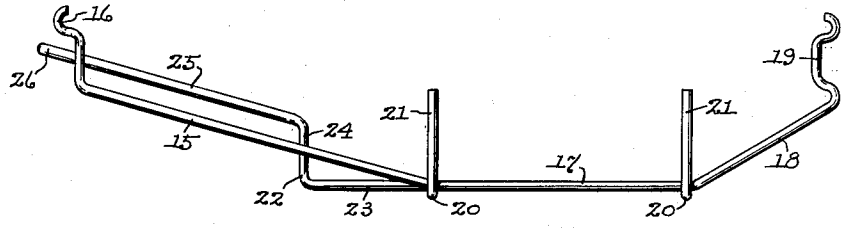

Fig. 4

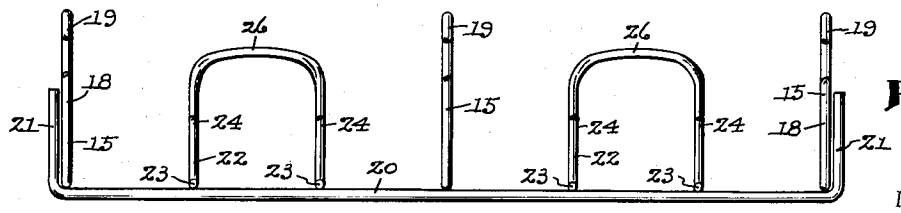

Fig. 5

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UNDERSEAT BOOKRACK

Bernard E. Rimkus, Grand Rapids, Mich., assignor to American Seating Company, Grand Rapids, Mich., a corporation of New Jersey

Application February 17, 1955, Serial No. 488,845

2 Claims. (Cl. 155—188)

The present invention relates to an underseat bookrack, and more particularly to a bookrack adapted for attachment to the underside of a church pew, for the reception of hymnals, prayer books and the like.

The primary objects of the invention are to provide such an underseat bookrack which is simple in construction and easy to install beneath an upholstered pew of the type disclosed in pending application Serial No. 440,316, filed June 30, 1954, by Alfred C. Hoven and Walter E. Nordmark and by them assigned to my assignee.

An illustrative embodiment of the invention is shown in the accompanying drawings, wherein:

Figure 1 is a perspective view of a church pew having installed beneath the seat thereof a pair of underseat bookracks embodying the invention;

Figure 2 is a fragmentary view of parts of the same shown partly in side elevation and partly in vertical section taken on line 2—2 of Figure 1;

Figure 3 is a top plan view of the bookrack attachment per se;

Figure 4 is a side elevational view of the same; and

Figure 5 is a front elevational view of the same.

Referring now in detail to these drawings wherein like parts are designated by the same numerals in the several views, the church pew shown in Figures 1 and 2 generally comprises supporting end standards **10** to which are secured an upholstered back **11** and an upholstered seat **12** by any suitable means (not shown). The upholstered seat **12** is built upon a rigid steel frame which includes a front frame bar **13** extending rearwardly and then upwardly from the body of the frame and a rear frame bar **14** extending forwardly and then upwardly from the body of the frame (see Figure 2).

The bookrack of the present invention is fabricated of springable steel rod stock. It comprises laterally spaced parallel rods **15**, here shown as three in number, having hooks **16** at their rearward ends adapted to hook over and engage the top of the rear frame bar **14**. These rods **15** extend from the rear hooks **16** downwardly and thence forwardly to form book-supporting body portions **17**, and thence forwardly-upwardly at **18** and then rearwardly, again upwardly and again forwardly to form front hooks **19** adapted to springably engage the top and the bottom of the front frame bar **13**.

Laterally extending cross-rods **20** connect the laterally spaced parallel rods **15**, being secured to the undersides thereof at intersections as by means of welding. The opposite ends of these cross-rods **20** are turned upwardly as at **21**, adjacent the outside rods **15**, to form book stops at the sides of the bookrack.

A U-shaped rod **22** is disposed between each pair of parallel rods **15** and has book-supporting leg portions **23** between and parallel to the book-supporting body portions **17** of the parallel rods **15**. These leg portions **23** of the U-shaped rods **22** pass over the cross-rods **20** and are likewise secured thereto as by means of welding. The leg portions **23** extend upwardly at **24**, thence rearwardly-upwardly at **25** and terminate in the bight portion **26** of each U-shaped rod **22**, which bight portion **26** is adapted to springably engage the bottom of the rear frame bar **14**.

The bookrack may be installed underneath the church pew as indicated in Figure 2, i. e. by first engaging the seat's rear frame bar **14** between the upper rearward hooks **16** on the parallel rods **15** and the lower rearward bight portions **26** of the U-shaped rods **22**, as indicated by dotted lines in Figure 2, and then swinging the front of the bookrack upwardly until the front hooks **19** on the parallel bars **15** springably engage the seat's front frame bar **13**. The bookrack is then securely attached to the underside of the pew seat where it is conveniently accessible from the front for the placement or removal of books.

It will thus be seen that the invention provides an underseat bookrack of simple and sturdy construction which is easy to install and convenient to use, and while but one specific embodiment of the invention has been herein shown and described it will be understood that numerous details may be altered or omitted without departing from the spirit of the invention as the same is defined by the following claims.

I claim:

1. In combination with a seat having a rigid frame comprising bars extending across the underside of the seat at its front and rear, a bookrack comprising: laterally spaced parallel rods of springable rod stock having hooks at their rearward ends engaging the top of the rear frame bar, said rods extending from said rear hooks downwardly and thence forwardly to form book-supporting body portions, and thence upwardly, rearwardly, again upwardly and then forwardly to form front hooks engaging the top and the bottom of the front frame bar; and laterally extending cross-rods connecting the body portions of said laterally spaced parallel rods.

2. In combination with a seat having a rigid frame comprising bars extending across the underside of the seat at its front and rear, a bookrack comprising: laterally spaced parallel rods of springable rod stock having hooks at their rearward ends engaging the top of the rear frame bar, said rods extending from said rear hooks downwardly and thence forwardly to form book-supporting body portions, and thence upwardly and terminating in front hooks engaging the top of the front frame bar; laterally extending cross-rods connecting the body portions of said laterally spaced parallel rods; and a U-shaped rod of springable rod stock having book-supporting leg portions between and parallel to the book-supporting body portions of the laterally spaced parallel rods and secured to the laterally extending cross-rods, said leg portions extending upwardly-rearwardly and terminating in the U-shaped rod's bight portion adapted to engage the bottom of the rear frame bar.

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