Feb. 6, 1923. 1,444,758

B. K. TRAYLOR

STORE SHELF

Filed Apr. 13, 1922

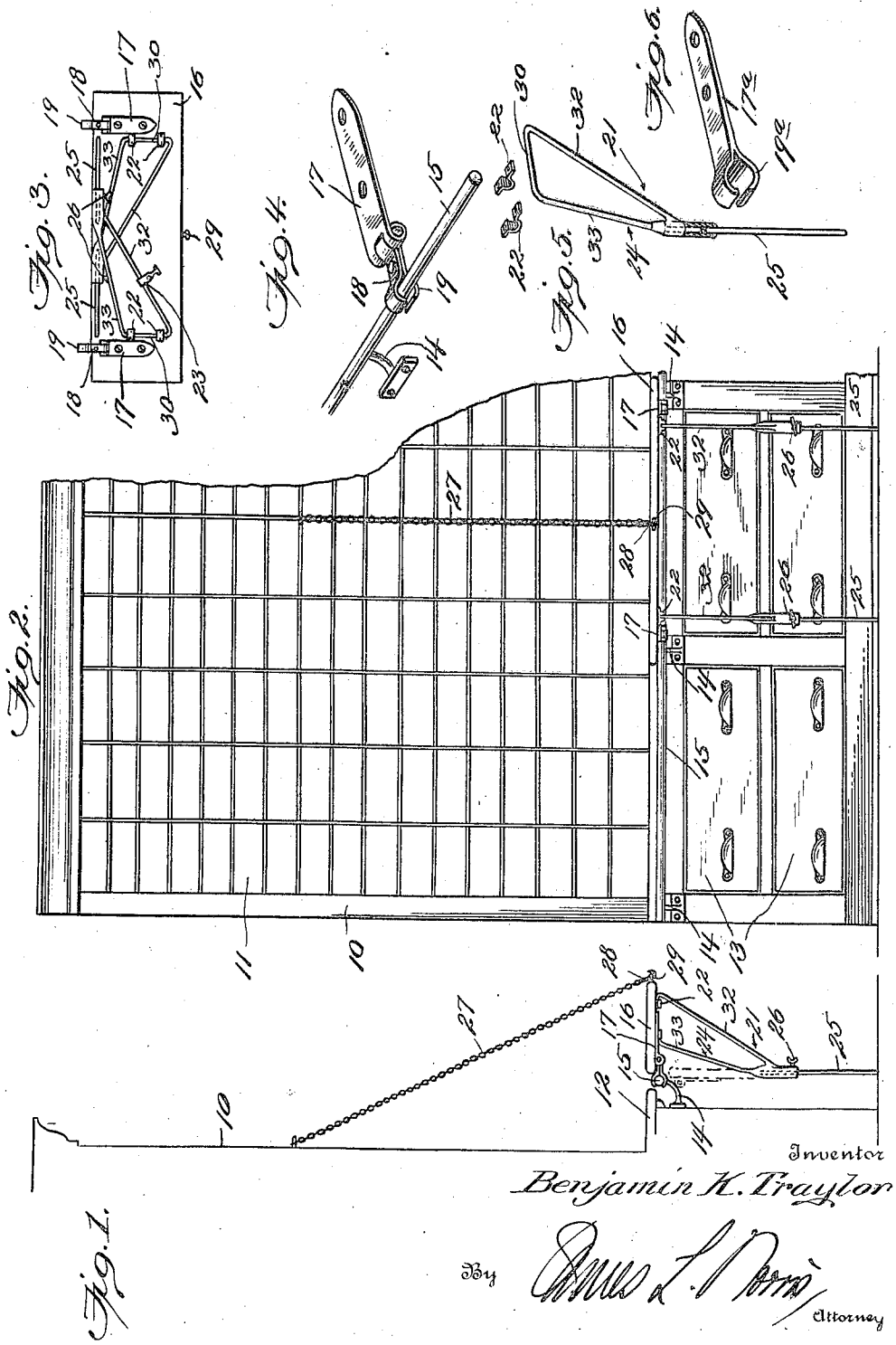


Fig. 1.

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UNITED STATES PATENT OFFICE.

BENJAMIN K. TRAYLOR, OF EL CAMPO, TEXAS.

STORE SHELF.

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To all whom it may concern:

Be it known that I, BENJAMIN K. TRAYLOR, a citizen of the United States, residing at El Campo, in the county of Wharton and State of Texas, have invented new and useful Improvements in Store Shelves, of which the following is a specification.

The present invention relates to shelves of the type which are adjustable for use at any position along the side of a filing case or the like to which the shelf may be attached. In drygoods stores, shoe stores, offices, libraries, corridors, hallways and the like, where economy in the use of floor space is of importance, and yet where upon occasions it is desirable to have at hand a suitable supporting shelf or desk upon which articles may be placed for convenient display thereof, or for work thereupon, it has been a problem to produce a shelf or desk of a type which will be convenient when needed and which may be made to occupy a minimum amount of floor space when not in use, and which may be moved to various positions along the front of a file case.

An object of the invention is to produce a device of the above nature attached to the front of a file case or the like which may be moved along the front of the file case without detachment therefrom, and which in the course of said movement may be maintained in a horizontal position and folded or collapsed into a small space when not in use.

Other objects and advantages of the improvement will be disclosed in the subsequent preferred embodiment of the invention illustrated in the accompanying drawing, in which:

Fig. 1 is a side elevation of a file case, showing the shelf of the present invention attached thereto;

Fig. 2 is a front elevation of the same;

Fig. 3 is a bottom plan view of the shelf, showing legs in collapsed position thereon;

Fig. 4 is a detail view of the bar on which the shelf slides, showing the relation of the hinge member to the bar;

Fig. 5 is a detail view of one of the legs and the attaching brackets therefor; and

Fig. 6 is a slightly different form of the attaching hinge.

Referring to the drawings in detail by means of reference characters, 10 designates a filing case, as in a shoe store; 11 designates shoe boxes or the like stored in said filing case, and 12 is a narrow ledge or shelf at the base of said file case beneath which may be provided drawers 13 or the like.

Attached to the base of the file case by suitable brackets or braces 14 is a bar 15 constituting a part of the present invention and which is preferably arranged parallel with the ledge 12. A shelf 16 is slidably mounted on said bar and the bar is preferably at such height on the base as will position the top of the shelf when in a horizontal position in the plane of the ledge 12, the surfaces of the two forming a supporting surface of considerable width.

In order that the shelf may be collapsed so as to hang from said bar in a horizontal position as well as to slide therealong, suitable straps 17 are attached to the shelf which have links 18 hingedly attached thereto by one end, the opposite end of the links 18 being provided with eyes 19 adapted to fit slidably and rotatably on the bar 15. The eyes 19 are preferably provided with a slot or gap of sufficient width so that the eyes may readily pass the brackets 14 when the shelf is slid along the bar. The straps and links are preferably of flat sheet metal. It will be noted that the straps 17 are set in from the edge of the shelf a distance sufficient to position the links 18 against the underside of the shelf when in a horizontal position and by which construction the links 18 are prevented from movement except in a direction downward from the position shown in Fig. 1, and consequently, the shelf will be supported thereby in a horizontal position.

Legs 21 are pivotally mounted on the shelf by means of brackets 22 and may be folded on the underside of the shelf and held in folded position by means of a clip 23 of spring metal or the like secured to the underside of the shelf. The legs may be made of two sections 24 and 25 telescopically adjustable relative to each other, and a set screw 26 may be provided to hold the sections in adjusted position. The section 24 is preferably of triangular configuration having a short side 30 and two long sides 32 and 33, the section being attached to the shelf by the short side 30.

Additional supports for the shelf may be provided in the nature of chains 27 secured

at intervals along the file case and having a hook 28 at its free end adapted to hook into a screw eye 29 upon the shelf. The chain and legs may be used to supplement each other, or either one may be used alone as found desirable or convenient.

In operation, when it is desired to use the shelf 16, it is raised to the horizontal position, the legs are dropped and adjusted or the chain is attached, and when it is desired to move the shelf along the front of the case, the shelf is lifted until the links 18 extend downwardly in substantially a vertical direction, and the shelf is then moved along the bar to its new position, the provision of the links 18 permitting the shelf to be maintained in a horizontal position when being moved along the bar.

The type of attaching device shown in Fig. 6 may be desirable under certain conditions, in this type the eye 19^a being integral with the strap 17^a.

What is claimed as new is:

1. A support for use with filing cases and the like, comprising a bar having brackets for connecting said bar to a case, a shelf, slotted eyes carried by said shelf and slidably mounted on said bar, the slots in said eyes being of a width sufficient to permit said eyes to pass said brackets, and means for holding the shelf in a horizontal position.

2. A support for use in connection with filing cases or the like, comprising a bar having means for attachment to the front of a case, a shelf, and links hingedly connected to said shelf and having slotted eyes embracing said bar.

3. A support for use in connection with filing cases or the like, comprising a bar having means for attachment to the front of a case, a shelf, and links hingedly connected to the shelf adjacent one edge of the latter and provided with slotted eyes embracing said bar.

4. A support for use in connection with filing cases or the like, comprising a shelf, links hinged to said shelf and having slotted eyes, and a bar extending through said eyes and bracket arms for securing said bar to the front of a case, said arms being a width less than the width of said slots.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

BENJAMIN K. TRAYLOR.

Witnesses:
H. F. KLEIN,
E. C. LINMON.