(No Model.)

W. A. AIKEN.

DISPLAY FRAME.

No. 374,724. Patented Dec. 13, 1887.

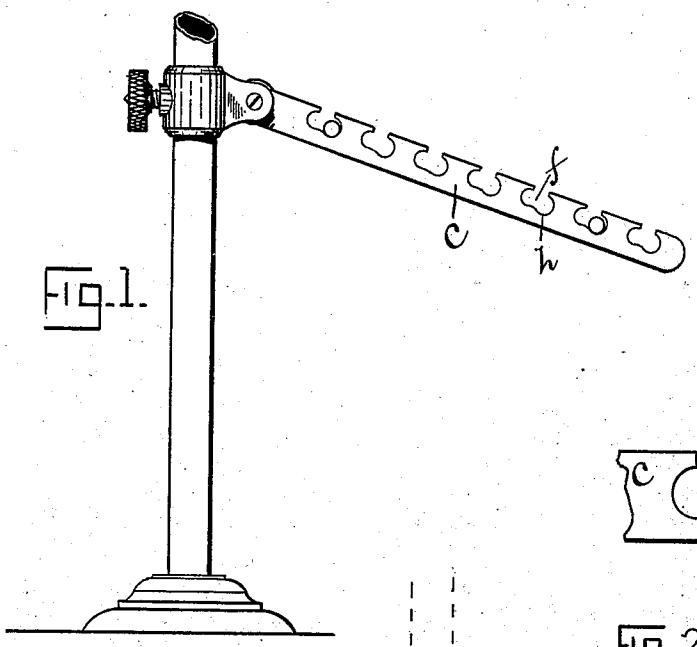


Fig. 1.

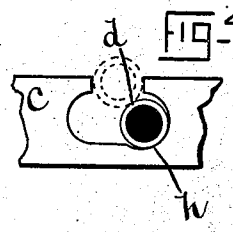


Fig. 4.

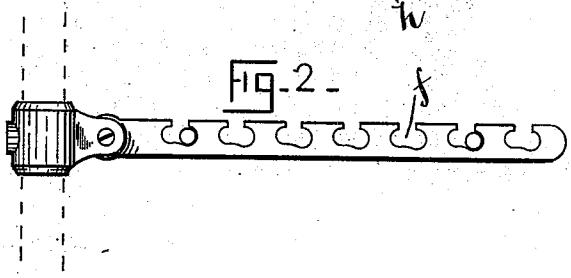


Fig. 2.

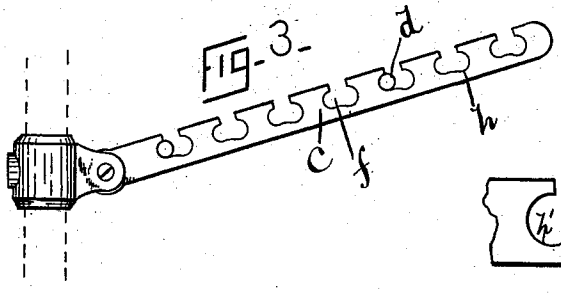


Fig. 3.

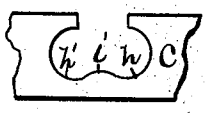


Fig. 5.

Witnesses;
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UNITED STATES PATENT OFFICE.

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DISPLAY-FRAME.

SPECIFICATION forming part of Letters Patent No. 374,724, dated December 13, 1887.

Application filed September 1, 1887. Serial No. 248,452. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. AIKEN, a citizen of the United States, residing at Norwich, in the county of New London and State of Connecticut, have invented a certain new and useful Improvement in Display-Frames, of which the following is a specification, reference being had to the accompanying drawings.

My said invention relates to frames for exhibiting textile and gents' furnishing goods, boots and shoes, and similar wares.

To explain said invention more clearly, I have annexed hereto a sheet of drawings, in which—

Figure 1 shows a portion of the standard of a display-frame, having adjustably secured thereto one of a series of notched laterally-projecting arms, which in practice support certain rods hereinafter referred to. Figs. 2 and 3 represent said laterally-projecting arms in horizontal and elevated positions. Fig. 4 is an enlarged section of said arm, illustrating my preferred form of opening; and Fig. 5 is a similar view showing a slight modification of the same.

For a detailed description of a display-frame of the class to which my improvement is especially applicable reference is respectfully made to Patent No. 192,184, issued June 19, 1877. Arms *c* in the annexed drawings correspond to arms E in said patent, and rods *d*, to the rods *w* therein described.

My present invention has for its object the improvement of the slots or seats *f*, which receive and support the horizontal rods *d*. These slots or seats have been most commonly formed heretofore as a series of notches leading in a single direction only, as in the prior patent above noted. In these notches the ends of rods *d* are supported, the position of said rods being varied by elevating or depressing the arms *c*. Such a form of notch performs its office satisfactorily so long as the arms *c* are held in a horizontal or depressed position, but when elevated above the horizontal rods *d* follow backward in the notches and become displaced at one or both ends. To prevent all possibility of such displacement, I have cut under or extended said slots *f* in each direction, as shown in the several figures, and have formed the outer end of said slots with a depressed portion, *h*, for the following purpose: Inasmuch as the slots *f*, when made in my elongated form, are considerably larger than the rods *d*, the elevating of arms *c* to the horizontal, or slightly above it, allows said rods to roll freely from end to end of said slots, with a tendency to disarrange the articles supported thereon. This I find in practice is cheaply and positively overcome by the depression *h*, which holds rod *d* until arm *c* is elevated a considerable distance above the horizontal, as in Fig. 3, when said rod passes by gravity to the other end of the slot and remains there until the arm is again depressed.

A corresponding depression, *h'*, could be provided at the other end of the slot, as shown in Fig. 5, thus leaving a slightly-projecting portion, *i*, opposite the entrance to the slot; but the single depression *h* accomplishes the desired object in a simple manner, and I prefer to use that form.

It should be understood that I do not seek to secure to myself the exclusive control of a slot cut under in both directions, as herein described, unless the same is provided with the depression *h*.

What I do claim is—

The within-described improvement in display-frames, consisting of an arm adjustable at different degrees of inclination, said arm being provided with a series of transverse slots, *f*, cut under at each end, as specified, and provided at one end with the depression *h*, for the particular object set forth.

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Witnesses:

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FRANK L. LATHROP.