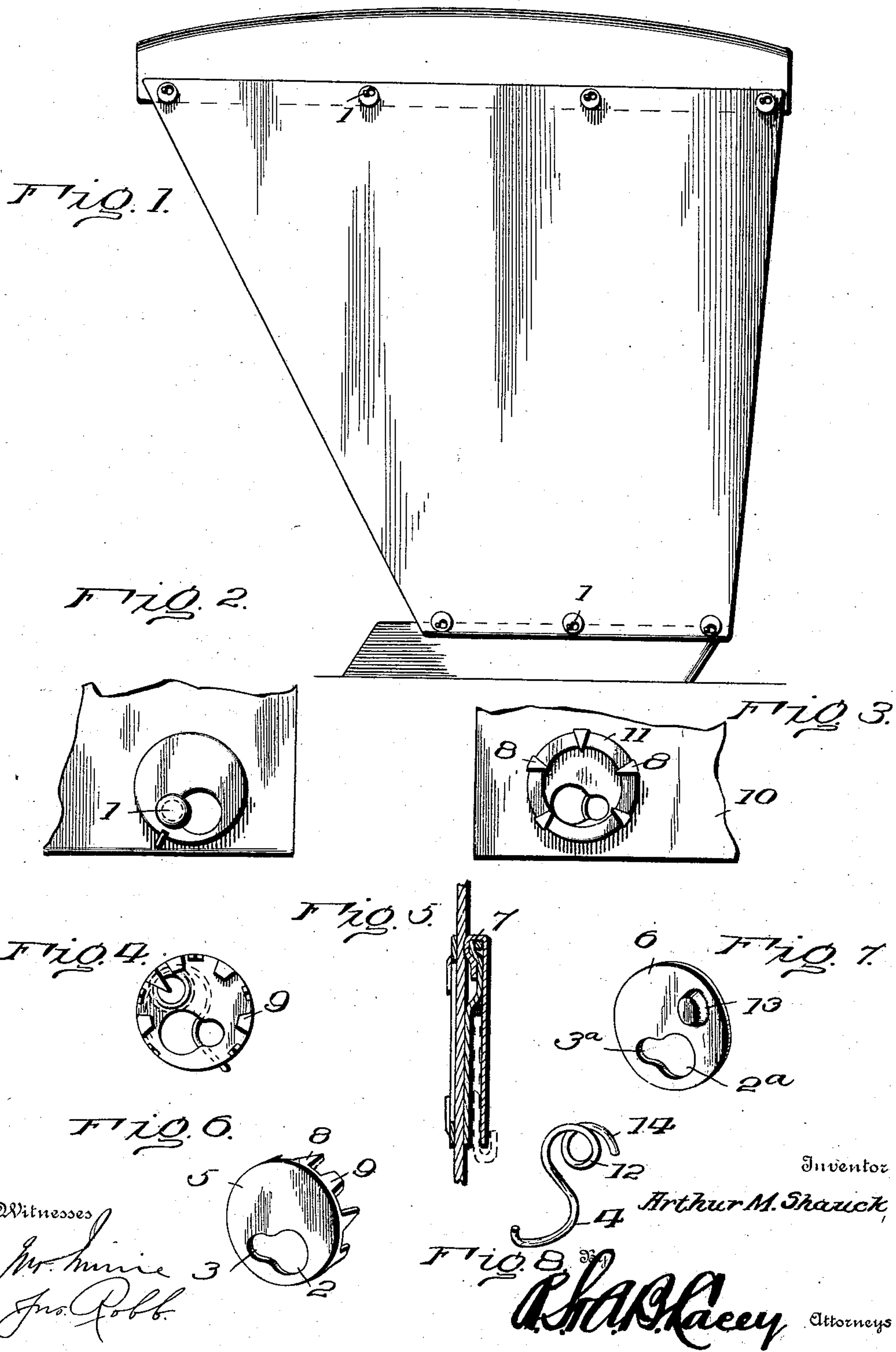


No. 701,630.

Patented June 3, 1902.

A. M. SHAUCK.
CURTAIN FASTENER.

(No Model.)



UNITED STATES PATENT OFFICE.

ARTHUR M. SHAUCK, OF GALION, OHIO.

CURTAIN-FASTENER.

SPECIFICATION forming part of Letters Patent No. 701,630, dated June 3, 1902.

Application filed October 3, 1901. Serial No. 77,492. (No model.)

To all whom it may concern:

Be it known that I, ARTHUR M. SHAUCK, a citizen of the United States, residing at Galion, in the county of Crawford and State of Ohio, have invented certain new and useful Improvements in Curtain-Fasteners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention provides a fastener of the button and buttonhole type for buggies, carriages, and other curtained vehicles, which will be free from the annoyance and difficulty experienced in the use of this class of securing means.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and drawings hereto attached.

While the essential and characteristic features of the invention are susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a side view of a buggy-top, showing the application of the invention. Fig. 2 is a front view of the fastener. Fig. 3 is a rear view. Fig. 4 is a view of the fastener detached and as it appears from the rear side. Fig. 5 is a section about on the line X X of Fig. 2. Fig. 6 is a detail perspective view of the front plate. Fig. 7 is a detail perspective view of the inner or rear plate. Fig. 8 is a detail perspective view of the spring.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The fastener comprises a button and buttonhole, the button 1 being of ordinary construction and the buttonhole being of novel formation in the particulars presently to be described. The buttonhole proper is enlarged at one end, as shown at 2, and is contracted at the opposite end, as shown at 3, the enlarged portion 2 being of a size to admit of the ready passage therethrough of the button

1 and the contracted portion 3 being of a size to engage with the neck or shank of the button and prevent accidental disengagement of the buttonhole therefrom. A spring 4 co-operates with the buttonhole and normally tends to hold the button 1 in engagement with the contracted or narrow portion 3 of the buttonhole. This spring 4 is adapted to be pressed to one side, so as to clear the buttonhole when it is required to pass the button therethrough either for engagement with or disengagement from the buttonhole. After the button has been passed through the enlarged part of the buttonhole the spring 4, previously pressed, is released and bearing against the side of the button 1 causes it to enter the narrow portion 3 of the buttonhole and remain therein against casual displacement.

In the preferable formation of the buttonhole member of the fastener plates 5 and 6 are provided and the spring 4 is located therebetween, said plates being spaced apart a distance to accommodate the spring. The plates are preferably of circular outline, although this form is not essential, and each is provided with an opening corresponding to the shape of the buttonhole and the plates when assembled have the openings therein in co-incident relation. The front plate 5 has a rim 7 and a series of spurs 8 and 9, the spurs 9 being shorter than and alternate with the spurs 8 and adapted to be bent over the plate 6, so as to hold the two plates together. The spurs 8 are pointed and are adapted to be pressed through the curtain 10 and to be subsequently bent, so as to retain the fastening member in place. A ring 11 is located upon one side of the curtain 10 and the projecting ends of the spurs 8 are bent thereover, the curtain being confined between the ring 11 upon one side and the buttonhole member upon the other side.

The spring 4 is formed of a length of wire bent into the form substantially as shown and having a coil 12 to embrace a projection 13, by means of which the spring is held in place. The end portion 14 of the spring engages with the part of the rim 7 near the projection 13 and co-operates with the latter to fix the position of the spring. The projec-

tion 13 is formed by pressing inward a portion of the plate 6, as shown most clearly in Fig. 5.

To fasten a curtain embodying the invention, it is only necessary to press the spring 4 aside, so as to clear the buttonhole, after which the button is passed through the enlarged portion of the buttonhole, when the spring is released and pressing laterally against the button forces it into the contracted portion of the buttonhole and holds it therein against accidental displacement. When it is required to release the curtain, the spring is pressed aside, so as to admit of the button entering the enlarged portion of the buttonhole and passing therefrom.

The parts of the opening forming the buttonhole are indicated by 2 and 3 in the front plate and by 2^a and 3^a in the rear plate. This buttonhole may be arranged in any position, preferably with the smaller end uppermost

to admit of the spring drawing the curtain taut.

Having thus described the invention, what is claimed as new is—

In a fastener of the type described, spaced plates having openings in coincident relation to form a buttonhole having an enlarged and a contracted portion, one of the plates having a portion pressed inward to form a projection, and a spring having a coil about the said projection and having a part normally extended across the contracted portion of the buttonhole for holding the button therein, substantially as specified.

In testimony whereof I affix my signature in presence of two witnesses.

ARTHUR M. SHAUCK. [L. S.]

Witnesses:

C. F. EISE,

JESSIE ENGLISH.