C. TAYLOR.

PIN.

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1,414,601. Patented May 2, 1922.

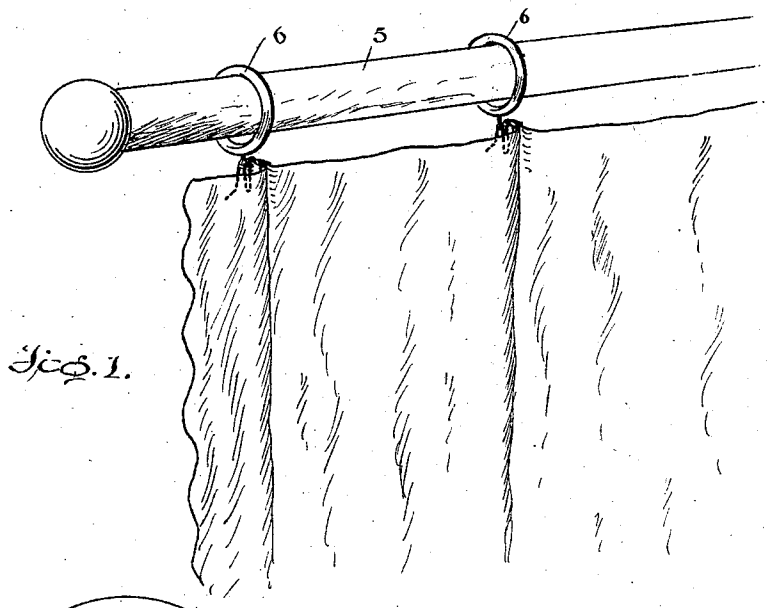


Fig. 1.

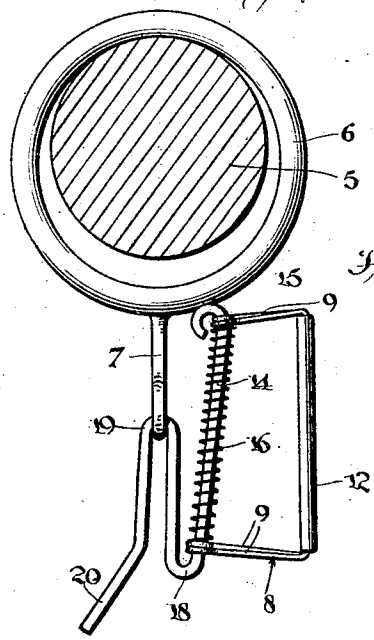


Fig. 2.

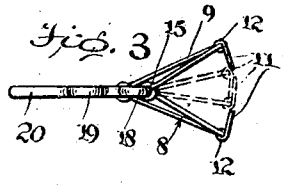


Fig. 3

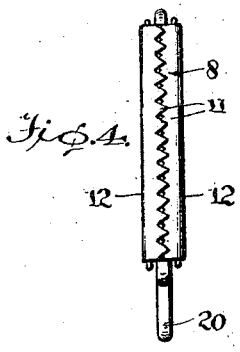


Fig. 4.

WITNESSES

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UNITED STATES PATENT OFFICE.

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PIN.

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To all whom it may concern:

Be it known that I, CLARENCE TAYLOR, a citizen of the United States, and resident of Newport, in the county of Newport and State of Rhode Island, have invented certain new and useful Improvements in Pins, of which the following is a specification.

This invention relates to pins especially adapted for supporting curtains and the like.

An important object of this invention is to provide a curtain pin having novel means whereby the same may be readily and conveniently engaged with a curtain so as to hold the same in position.

A further object is to provide a pin of the class described which is simple to apply, neat in appearance and cheap to manufacture.

In the accompanying drawing forming a part of this application and in which like numerals are employed to designate like parts throughout the same,

Figure 1 is a perspective view illustrating a plurality of the improved pins in use.

Figure 2 is a side elevation of the improved pin.

Figure 3 is an end elevation of the same.

Figure 4 is a bottom plan view of the same.

In the drawing wherein for the purpose of illustration is shown a preferred embodiment of the invention the numeral 5 designates a curtain pole to which a plurality of curtain rings 6 are connected, the said rings being provided with the usual eyelets 7 for engagement with the curtain pins.

The pin forming the subject matter of this application is generally designated by the numeral 8 and consists principally of a pair of U-shaped jaws having slightly diverging sides 9 between which inwardly extending teeth 11 are located. As illustrated in Figure 3 the teeth 11 are formed from a length of flat metal having their outer longitudinal edge portions rolled as indicated at 12 and engaged with the connecting portions of the U-shaped jaws. The teeth 11 overlap each other and one set of teeth 11 engages the rolled portion 12 of the other set of teeth whereby one set of teeth is entirely protected from engagement with the hands and whereby the other set of teeth lies flatly in contact with one of the jaws.

As illustrated in Figure 2 a pivot pin 14 is extended through eyes 15 at the ends of the arms 9 and a coiled spring 16 is mounted on the pivot pin 14 and has one terminal portion engaged with one of the arms 9 while its other terminal portion is engaged with one of the other arms 9 so as to press the jaws together to their overlapped position. The pin 14 is formed with a bend 18 and with a second bend 19 defines an attaching hook adapted for engagement with eyelets 7 of the curtain ring. The terminal portion 20 of the hook is extended diagonally to form a gradually restricted entrance opening for the eyelets 7. Also the diagonally extended terminal portion 20 of the hook is extended a considerable distance beyond the other branch or side of the hook so as to facilitate the engagement of the same with the eyelets 7. The hook lies above the coiled spring 14 in a spaced parallel relation to the same and does not in any way interfere with the use of the jaws.

In operation the jaws are separated against the tension of the coiled spring 16 and the curtain 25 is gripped between the jaws. When the hook formed by the extension and bending of pivot pin 14 is engaged with the eyelets 7 the curtain is securely held in position and by reason of the fact that the jaws having the teeth 11 are of elongated formation, a considerable portion of the curtain is engaged by the jaws.

I claim:—

1. A curtain pin comprising a pair of U-shaped jaws having converging arms terminating in eyelets, a pivot pin extending through said eyelets and having bends defining a hook, one side of said hook being extended beyond the pin and bent outwardly to define an attaching member and a gradually restricted entrance opening to the hook, and a coiled spring mounted on said pivot pin and having its terminal portion engaged with said jaws.

2. A curtain pin comprising a pair of U-shaped jaws having converging arms terminating in eyelets, a pivot pin extending through said eyelets and having bends

defining a hook, one side of said hook being extended beyond the pin and bent outwardly to define an attaching member, and a gradually restricted entrance opening to the hook, and a coiled spring mounted on said pivot pin and having its terminal portion engaged with said jaws, and elongated pieces of metal having rolled portions extending about said jaws and provided along their longitudinal edge portions with overlapping teeth, one set of teeth being engaged with one of the rolled portions.

CLARENCE TAYLOR.