

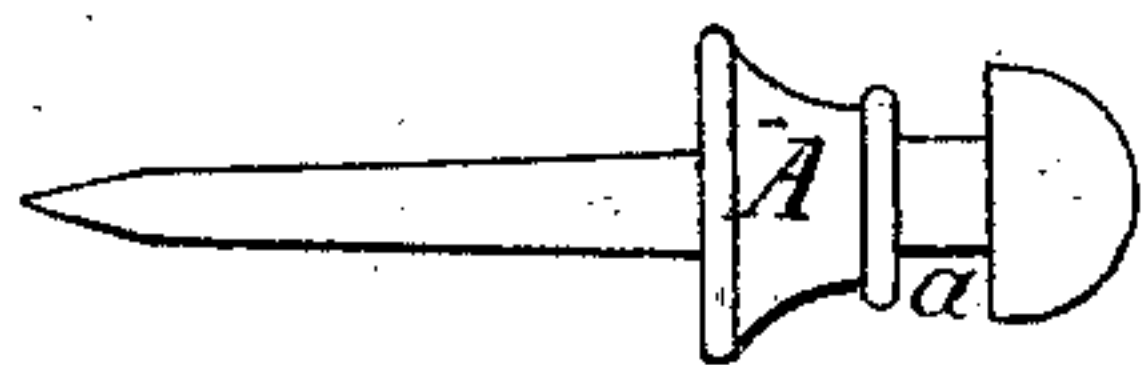
ALVIN B. CLARK.

Improvement in Carriage Curtain Fastenings.

No. 120,493.

Patented Oct. 31, 1871.

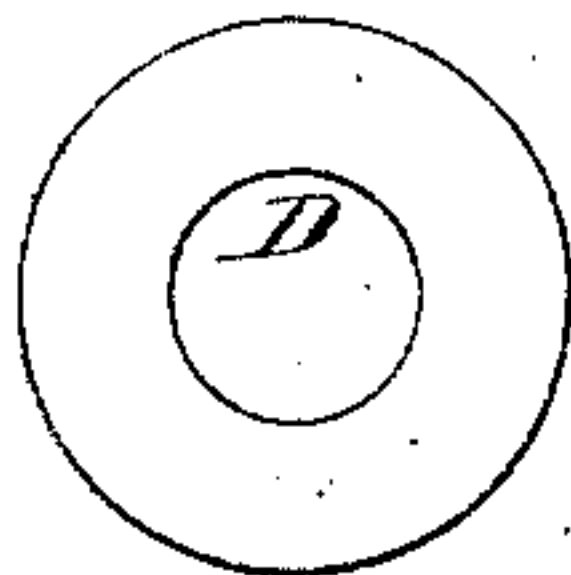
*Fig. 1*



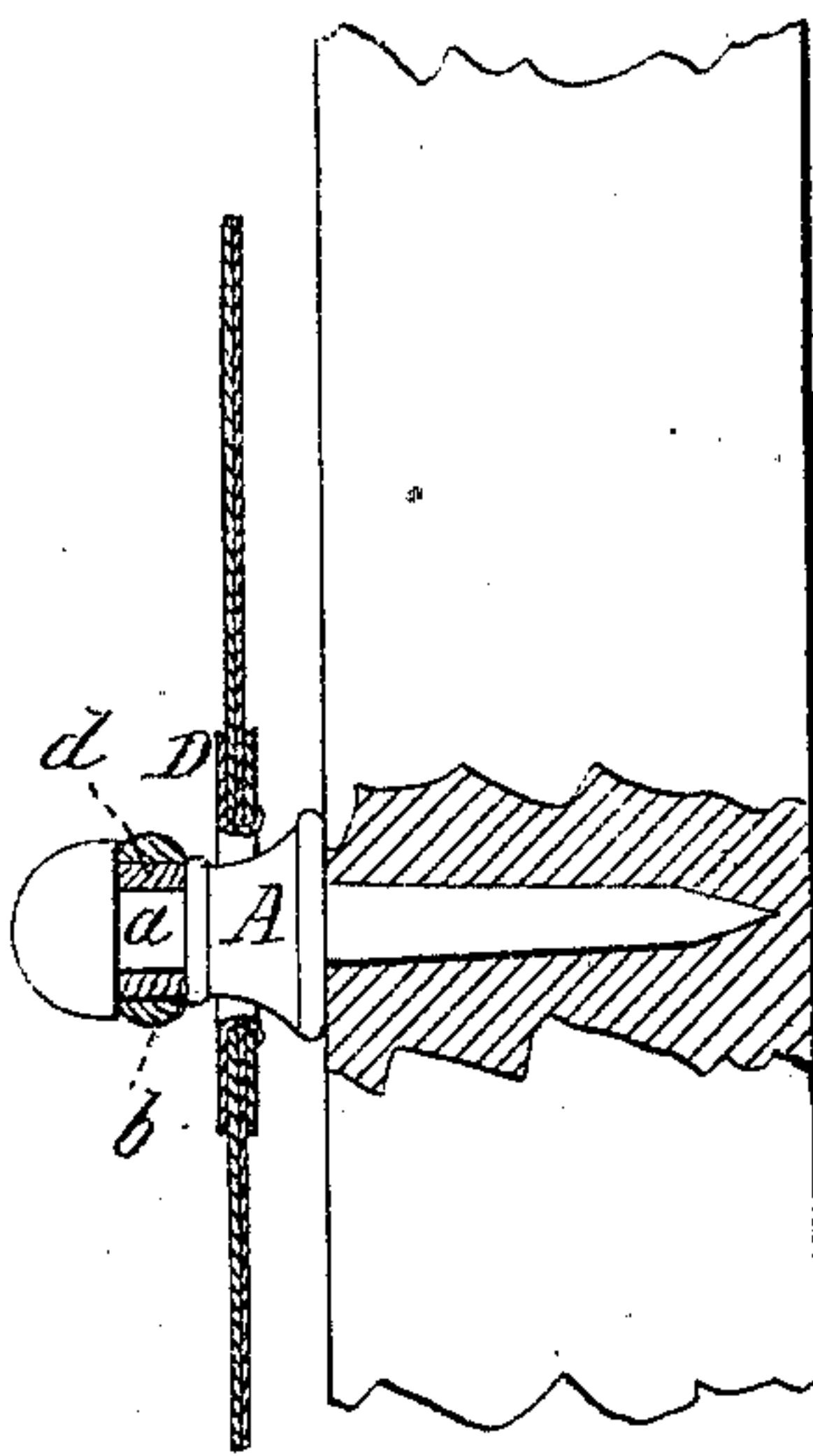
*Fig. 3*



*Fig. 2*



*Fig. 4*



*Witnesses*

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# UNITED STATES PATENT OFFICE

ALVIN B. CLARK, OF RICHMOND, INDIANA.

## IMPROVEMENT IN CARRIAGE-CURTAIN FASTENINGS.

Specification forming part of Letters Patent No. 120,493, dated October 31, 1871.

*To all whom it may concern:*

Be it known that I, ALVIN B. CLARK, of the city of Richmond and State of Indiana, have invented a new and useful Carriage-Curtain Fastening, of which the following is a specification:

My invention relates to a fastening for carriage-curtains, so constructed as to insure neatness in appearance, easy application, and durability.

In the accompanying drawing, Figure 1 represents the body of the knob. Fig. 2 represents the knob-plate. Fig. 3 represents a rubber collar, and Fig. 4 represents a circular or annular metallic spring.

The knob A has a neck or groove, *a*, near its outer end, into which is placed the rubber collar *d*. The diameter of the collar *d* is somewhat less than the diameter of the knob, so that a shallow groove still remains around said collar. The ends of spring *b* are slightly apart, so as to admit of said spring being compressed. Spring *b* is expanded and forced over the end of the knob into a position within groove *a*, and surrounding the rubber collar, its size being such as to fit loosely on the rubber. The spring *b* is thus held by means of the rubber collar in a position concentric to the knob, and is retained on said knob by the groove. The knob-plate D is secured to the curtain in the accompanying example by

slitting the central portion of said plate radially to the circumference of the knob-hole, which slitted portions, on applying the plate to the outside of the curtain in the proper position for the knob, are passed through a hole punched in the curtain adapted to the size of the knob-hole, and are turned up so as to clasp the curtain between the plate and said slitted portions. The size of the knob-hole is somewhat less than the circumference of the spring *b*, so that the latter is compressed when the knob-plate is passed onto the knob. The spring, again expanding to its usual size, serves to hold the plate on the knob until purposely removed.

Having thus fully described my said invention, what I claim, and desire to secure by Letters Patent, is—

1. The combination of the spring *b* with the knob A, substantially as and for the purpose set forth.
2. The combination of the knob A, spring *b*, collar *d*, and plate D, substantially and for the purposes set forth.

ALVIN B. CLARK.

Witnesses:

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(31)