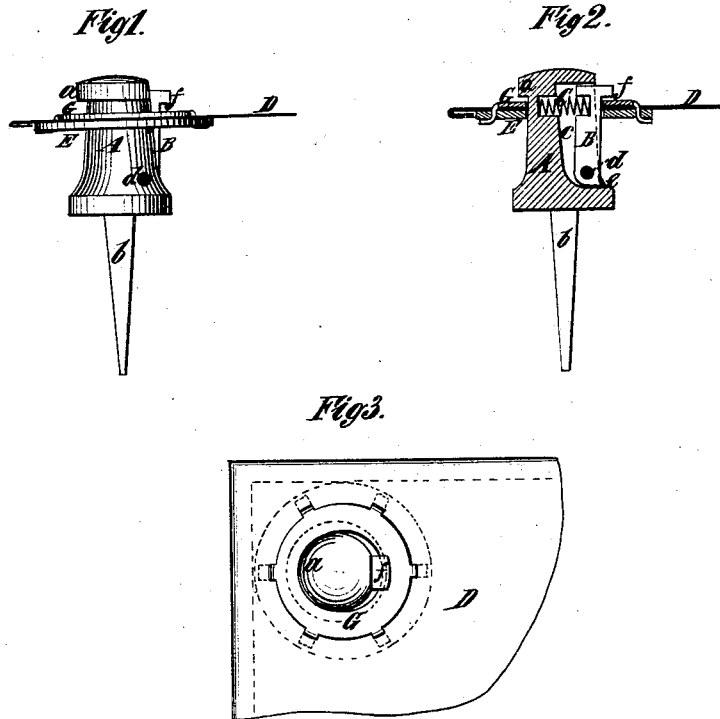


G. R. PIERPONT.  
Carriage Curtain-Fastener.

No. 207,546.

Patented Aug. 27, 1878



Witnesses:  
*Chandler Hall*  
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Inventor.  
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*Edwin H. Brown*

# UNITED STATES PATENT OFFICE.

GEORGE R. PIERPONT, OF NORTH HAVEN, CONNECTICUT.

## IMPROVEMENT IN CARRIAGE-CURTAIN FASTENERS.

Specification forming part of Letters Patent No. 207,546, dated August 27, 1878; application filed July 22, 1878.

*To all whom it may concern:*

Be it known that I, GEORGE RUFUS PIERPONT, of North Haven, in the county of New Haven and State of Connecticut, have invented a new and Improved Fastener for Curtains of Carriages, &c., of which the following is a specification:

Although designed particularly for fastening the detachable edges of curtains used upon carriages, railway-cars, and other vehicles, with a view to be lowered and fastened, or rolled or drawn up at pleasure, yet the invention is applicable to and advantageous for fastening various detachable articles or parts of articles together.

The invention consists in the combination, with a stud or button provided with a head or flange and a cavity in one side, of a dog consisting of a pivoted lever provided with a spur or flange projecting from said cavity, and which may be depressed to permit the buttoning of a curtain or other article upon it, and after the buttoning thereof may be impelled outward by a spring, so as to project over the curtain or other article and securely retain it in place.

The invention also consists in the combination, with such button and dog, of a curtain or other article to be fastened thereby, provided with a button-hole facing or stiffener for rendering the button-hole rigid and durable and facilitating its operation.

In the accompanying drawing, Figure 1 is a side elevation of a button and a portion of a curtain to be fastened thereby embodying my invention. Fig. 2 is a central longitudinal section of said button and transverse section of the portion of the curtain to be fastened thereby, and Fig. 3 is an end view of the button and a view of the outside of the portion of the curtain to be fastened thereby.

Similar letters of reference designate corresponding parts in all the figures.

A designates the button, which has an approximately cylindrical body and a head or flange, *a*, projecting from it, but mostly from one side only—*i. e.*, not all the way around it. It may be secured to its support in any suitable manner, as, for instance, by means of a shank, *b*, driven or screwed into the same.

In one side of the button, preferably in the side opposite that from which the head or flange *a* mostly projects, there is a narrow longitudinal cavity or recess, *c*, wherein is fitted an adjustable dog, consisting of a lever, B, pivoted in place near the inner end of the said recess, as shown at *d*, and provided at the inner end with a toe, *e*, or its equivalent, for impinging against the bottom or inner end of the cavity to preclude its outer end from rocking or swinging too far out of the cavity or recess *c*.

C designates a spring, which may be of helical form, arranged between the back of the cavity or recess *c* and the inner side of the adjustable dog, some distance from its pivot, so as to impel the free end of the latter outward when not otherwise actuated. The free end of this adjustable dog is furnished on the outer side with a spur or flange, *f*, which is preferably coincident with the head or flange *a* of the button, and serves, in connection therewith, to fasten any article slipped or buttoned upon it.

D designates a portion of a curtain, such as carriages and other vehicles are commonly provided with to afford protection from sun and rain when desirable. It has a washer or ring, E, of leather, or other suitable material, applied to its back around its button-hole, and a facing or stiffener, G, consisting preferably of a ring of metal, applied to its front, provided with prongs, which are forced through the curtain and back ring E, and bent over the latter, so as to secure it and the back ring to the curtain.

These rings protect the button-hole, render the curtain more durable, and the metal facing or stiffener facilitates the buttoning and unbuttoning of the curtain by precluding it from binding.

To fasten the curtain to the button it is slipped over the free end of the dog, under its spur or flange *f*, and is then pulled toward the opposite side of the button and forces in the dog, so as to be free to slip over the head or flange *a* of the button, whereupon the dog moves out again automatically, and its spur or flanges *f*, in connection with the heads or flange *a*, lap over the curtain and fasten it in place. To unfasten the curtain it is only nec-

essary to pull it, so as to force the free end of the dog inward, and then slip it over the head or flange *a* of the button.

It will be seen that by my invention I provide a simple, secure, and durable button-fastener, which may be operated with equal facility as those ordinarily used.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination, with a button provided with a head or flange, and with a cavity in one side, of a dog consisting of a pivoted lever, provided with a spur or flange, and impelled outward by a spring.

2. The combination, with a button and an

adjustable dog consisting of a pivoted lever, of a toe extending from the lever to impinge against the button, substantially as and for the purpose specified.

3. The combination of the button *A*, with its head or flange *a* and shank *b*, the lever *B*, pivoted in the cavity *c*, provided with a spur or flange, *f*, and toe *e*, spring *C*, and the curtain *D*, with its ring *G*, substantially as and for the purpose specified.

GEORGE R. PIERPONT.

Witnesses:

CHANDLER HALL,  
OWEN PRENTISS.