

J. Huston, Jr. & O. W. Stanford.
Fastening for Carriage-Curtain.
Nº 76080 *Patented Mar. 31, 1868.*

Fig. 1.

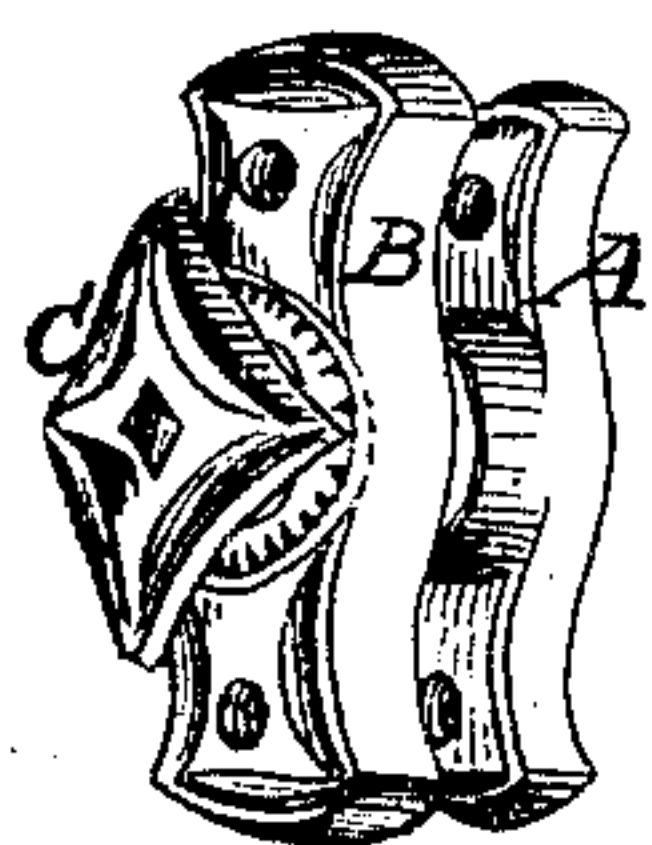


Fig. 2.

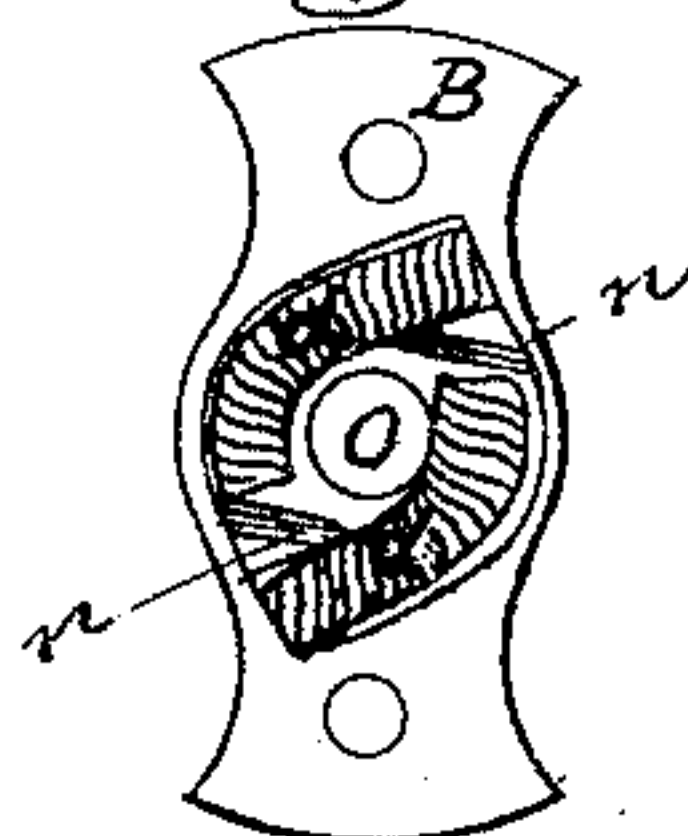


Fig. 3.

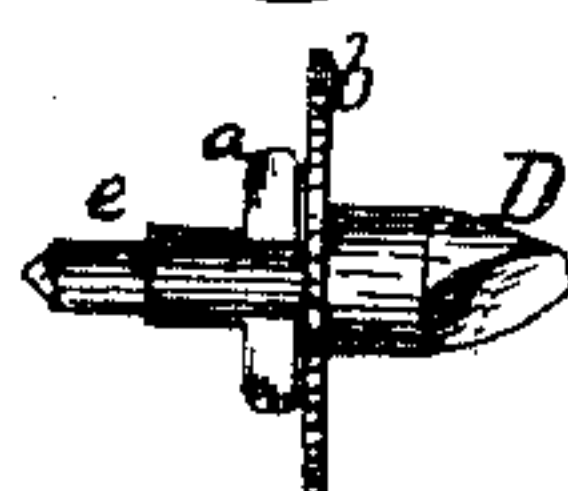
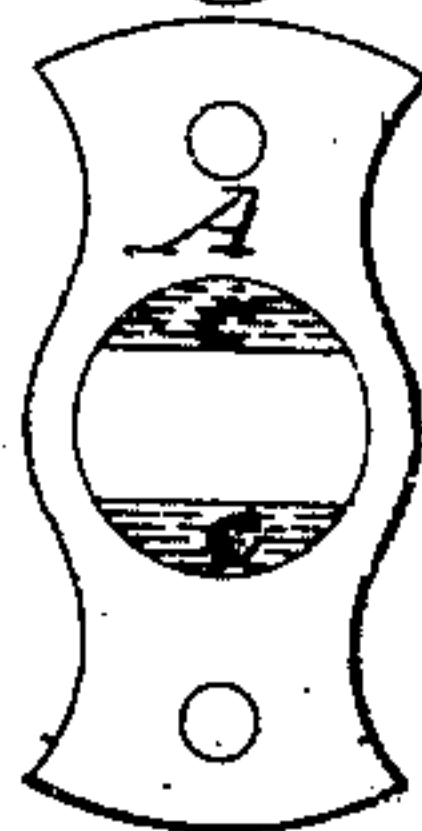


Fig. 4.



Witnesses
H. R. Pick
H. S. Pick

James Huston Jr. } *Inventors*
& Otis W. Stanford }

United States Patent Office.

JAMES HUSTON, JR., AND OTIS W. STANFORD, OF SHARONVILLE, OHIO.

Letters Patent No. 76,080, dated March 31, 1868; antedated March 23, 1868.

IMPROVEMENT IN FASTENING FOR CARRIAGE-CURTAINS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that we, JAMES HUSTON, Jr., and OTIS W. STANFORD, of Sharonville, in Hamilton county, in the State of Ohio, have invented a new and useful Improvement in Fastenings for Carriage-Curtains; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Figure 1 is a perspective view of our improved fastening, complete.

Figures 2, 3, and 4 represent the several parts detached.

The object of our invention is to furnish a cheap and ornamental fastening for curtains, which will admit of being easily attached and detached without unduly stretching the curtains, or subjecting them to the liability of being torn and broken by repeated buttoning, as hitherto has been the case.

Our fastening is composed of the two plates A and B, the thumb-nut C, the spring-catch bolt D, spiral springs *d d*, disk *b*, and key *a*. In figs. 2 and 4, the two plates A and B are represented with their reverse sides up. The plate A is chambered out, with an aperture between the flanges *c c* to hold the shouldered head of the spring-catch D when it enters the chamber of the plate A. The plate B is also chambered, and provided with two fixed partitions *n n*, against which the ends of spiral springs *d d* press and are supported. The spiral springs are placed within the recess or chamber of plate B, as represented in fig. 2. The spring-catch or bolt D is inserted through the hole *o* of plate B, which brings the key *a*, with its projecting ends, between the short partitions *n n*, and the ends of the spiral springs *d d* which rest against the partitions *n n'*, and the disk *b* fits into the chamber over the springs *d d*, to form a cover enclosing them in the chamber. After the insertion of catch-bolt D, as above described, the thumb-nut C is placed on the square end *e* of the bolt, as seen in fig. 1. The projecting shouldered end of bolt D is formed as the wedge, with slightly spiral or curved edges, which, when forced into the opening between the flanges *c c*, will cause the bolt to partly revolve on its axis to admit the shoulders below the flanges *c c*, which holds the two plates A and B together.

Our improved fastening may be constructed of various sizes and dimensions, so that it may be employed for different purposes. When used for securing the curtains of carriages, the plate A will be let into the wood-work of the carriage in proper position, and the plate B, with its attachments, embracing the spring-catch or bolt D, will be secured by rivets to the edge of the curtains in apposition to the location of plate A, so that the pressure of the plate B, with its catch D, against the plate A, will cause the tapering spiral end of the catch to enter the aperture between the flanges *c c*, the bolt being turned upon its axis by the action of the twisted and tapering spire against the edges of the two flanges *c c*; and, as soon as the shoulders of the catch pass beneath the flanges *c c*, the coiled springs *d d*, which act upon the bolt D through the medium of key *a*, will retract, and thereby cause the shoulders of the catch-bolt to be retained by the flanges *c c*. The parts may be fastened or locked and unfastened by means of the thumb-nut C, which may be used to move the catch-bolt D on its axis for that purpose. Different forms of spring may be substituted for the spiral form to effect the same result.

What we claim as our invention, and desire to secure by Letters Patent, is—

The plates A and B, and thumb-nut C, in combination with spring-catch D, constructed and operating substantially as and for the purpose described.

In testimony whereof, we have hereunto set our hands, this 19th day of August, 1867.

JAMES HUSTON, Jr.,
OTIS W. STANFORD.

Witnesses:

H. D. PECK,	} as to JAMES HUSTON, Jr.
W. P. BRADLEY,	
J. E. SMITH,	} as to OTIS W. STANFORD.
J. M. SMITH,	