(No Model.)

# R. G. BLAESIUS.

## EXTENSION TABLE SLIDE.

No. 503,192. Patented Aug. 15, 1893.

Fig. 5.

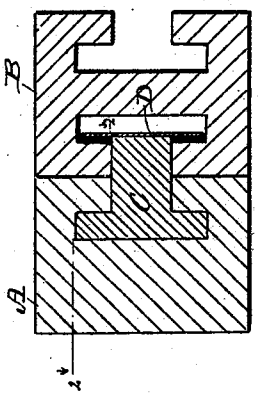


Fig. 6.

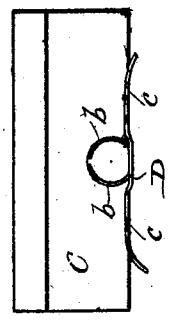


Fig. 1.

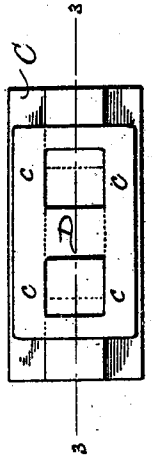


Fig. 2.

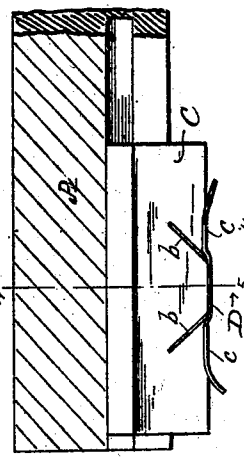


Fig. 4.

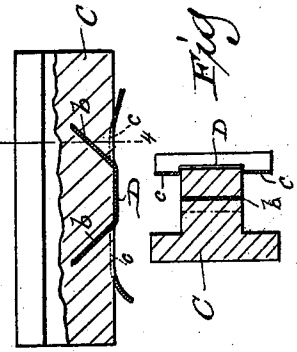


Fig. 3.

Witnesses
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# UNITED STATES PATENT OFFICE.

RICHARD G. BLAESIUS, OF WATERTOWN, WISCONSIN.

## EXTENSION-TABLE SLIDE.

SPECIFICATION forming part of Letters Patent No. 503,192, dated August 15, 1893.

Application filed November 22, 1892. Serial No. 452,756. (No model.)

*To all whom it may concern:*

Be it known that I, RICHARD G. BLAESIUS, a citizen of the United States, and a resident of Watertown, in the county of Jefferson, and in the State of Wisconsin, have invented certain new and useful Improvements in Extension-Table Slides; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention has for its object to improve the construction of an ordinary form of extension-table slide by providing the wooden guide-blocks thereof with preferably spring-metal face-plates held in place without the use of screws or analogous devices; and said invention therefore consists in certain peculiarities of construction and combination of parts hereinafter described with reference to the accompanying drawings and subsequently claimed.

In the drawings:—Figure 1 represents an elevation of a guide-block provided with my improved face-plate; Fig. 2, a horizontal section of a portion of a slide-section illustrating the guide-block and its face-plate in plan; Fig. 3, a detail plan view partly in horizontal section on line 3—3 of Fig. 1; Fig. 4, a transverse section on line 4—4 of the preceding figure; Fig. 5, a like view of a pair of slide-sections united by one of my improved guide-blocks, and Fig. 6, a plan view of another form of said guide-block.

Referring by letter to the drawings A, B, represent sections of an extension table-slide these sections being of wood and provided with ordinary ⊢ shaped grooves. A wooden block C, of the same depth at all points of its length and corresponding in form to that of the slide-grooves, has its head-end glued or otherwise rigidly secured in one of said slide-sections to form a guide for the other.

Heretofore it has been common to face the stem portion of the guide-block with a straight metal plate having a width approximately equal to the head end of said block, said plate being held in place by screws or rivets at the ends thereof, but most commonly by a single screw at one end and a nail at the other. Now if the head of either the screw or nail breaks off said face-plate is free to turn on the remaining fastening device and catch in the groove with which it is engaged. Aside from this fault, competition in the manufacture of table slides is so close as to make the cost of nails or screws a desirable saving. Therefore I seek to connect the slide-blocks and face-plates without the use of such fastening devices and at the same time overcome any possibility of said face-plates having pivotal play.

My improved face-plate D preferably consists of a strip of spring-metal stamped out to form lips *b* that may diverge from each other, as best shown in Figs. 2 and 3, and engage corresponding saw-kerfs in the stem of the relative guide-block, or they may be bent in such a manner as to form a circular lug for engagement with a corresponding opening in said guide-block, as illustrated in Fig. 6, it being understood that in either of its forms said face-plate is engaged with a guide-block from the side of the latter and cannot be disengaged by strain in a direction transverse of the slide-sections.

I do not wish to be understood as limiting myself to any particular form and disposition of the face-plate lips, as the same may be considerably varied without departure from my invention. The face-plate is preferably of spring-metal, and I bend the same so as to have longitudinal portions *c* thereof adjacent to openings *d* therein (formed by striking out the lips *b*) extend toward the head of the relative guide-block beyond the outer plane of its stem, on opposite sides of this stem and thus when a movable slide-section is engaged with said guide-block there will be a tension on this movable section to hold it snug against the one next adjacent, this being one of the especial advantages of my improvements.

In order to facilitate the engagement of slide-sections and guide-blocks the face-plates on these guide-blocks are turned outward at one or both ends, it being preferable to have one end turn out a greater degree than the other.

The combined slide-block and spring face-plate, herein described, may be made and sold as an article of trade independent of the slide-sections, and in any event will be found a simple, durable and economical device for the purpose described, its several advantages having been herein specified. It is also possible

to make the face-plates as articles of trade, the same to be fitted to the blocks by the manufacturers of extension-table slides.

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

1. A guide-block for extension table slides, the same consisting of a wooden base of the same depth at all points of its length, and a spring-metal face-plate having struck-out retaining lips that engage corresponding kerfs in the base as well as longitudinal portions bent in from the outer plane of said base on opposite sides of the same intermediate of said lips and the extremities of said plate, substantially as set forth.

2. A guide block for extension table slides, the same consisting of a wooden base of the same depth at all points of its length, and a spring-metal face-plate having at least one end bent outward, struck-out retaining lips that engage corresponding kerfs in the base and longitudinal portions bent in from the outer plane of said base on opposite sides of the same intermediate of said lips and the ends of said plate, substantially as set forth.

3. A guide-block for extension-table slides the same consisting of a ⊢ shaped wooden base of the same depth at all points of its length, and a spring-metal plate having struck out retaining lips that engage corresponding kerfs in the base as well as longitudinal portions bent in from the stem of the base on opposite sides of the same intermediate of the lips and extremities of said plate, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Watertown, in the county of Jefferson and State of Wisconsin, in the presence of two witnesses.

RICHARD G. BLAESIUS.

Witnesses:

DONALD D. SCOTT,

MATHEW TRANZEN.