

W. J. BOUSQUET.
SLIDE FOR RULES.
APPLICATION FILED JUNE 4, 1918.

1,291,742.

Patented Jan. 21, 1919.

Fig. 1.

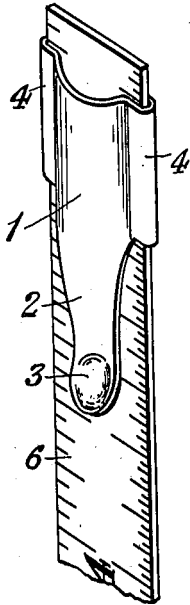


Fig. 2.

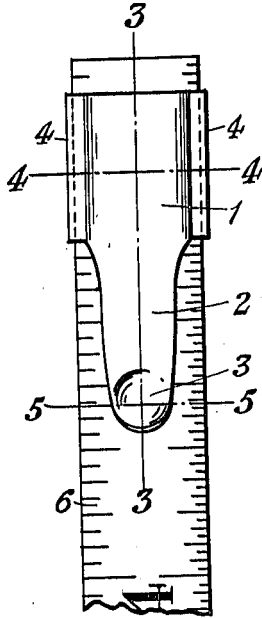


Fig. 3.

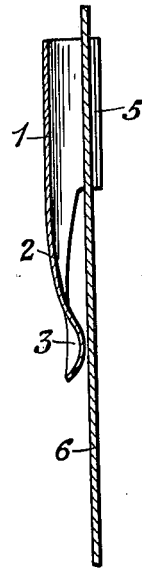


Fig. 4.

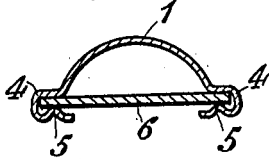


Fig. 5.

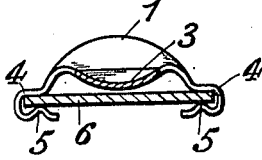
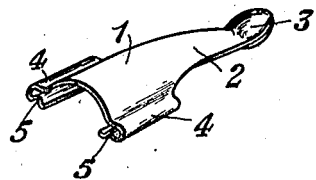


Fig. 6.



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SLIDE FOR RULES.

1,291,742.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM J. BOUSQUET, a citizen of the United States of America, residing in Springfield, Hampden county, Massachusetts, have invented new and useful Improvements in Slides for Rules, of which the following is a specification, reference being had to the accompanying drawings and numerals of reference marked thereon.

10 The object of my invention is to provide a slide of simple and economical construction adapted to be applied to a rule so that the readings may be convenient. Further objects are shown in the following portion
15 of the specification.

I accomplish the objects of my invention by the construction herein shown.

20 In the accompanying drawings in which like numerals of reference indicate like parts

Figure 1 is a perspective view of a steel rule provided with my improved slide.

Fig. 2 is a plan view of the same.

25 Fig. 3 is a vertical section taken on line 3—3 of Fig. 2.

Fig. 4 is a horizontal section taken on line 4—4 of Fig. 2.

30 Fig. 5 is a section taken on line 5—5 of Fig. 2.

Fig. 6 is a perspective of the slide detached from the rule.

The slide may be made of any size desired to fit rules of various dimensions. Its use, however, will be found most extensive
35 in connection with small steel rules usually employed by mechanics and usually carried in the vest pocket. The slide is formed of sheet metal, preferably stamped up and in order to provide for rules of triflingly varying widths the body portion 1 is adapted to be sprung over the rule, as 6, thus throwing
40 the side portions 4 outwardly or apart thus allowing the employment of the slide with rules of trifling variations in width.

45 In order to provide for rules of different thicknesses and to insure the requisite frictional contact, I form the lower over hanging portions 5 with upwardly projecting contact parts which bear against the surface

of the rule with the requisite force so as to prevent accidental sliding of the rule.

In order to facilitate the movement of the slide I provide the thumb or finger piece 3 formed cup-shaped so that in moving the slide danger of slipping of the thumb or
55 finger will be avoided.

It will readily be seen that the slide in conjunction with the rule may be employed in the ordinary manner, and also as a depth gage in any place where the opening is of
60 sufficient size to permit the rule to enter or where there is sufficient clearance at the side so that the slide may be forced down against the upper surface of the material being measured. The thumb or tail piece 3 serves
65 not only as a convenient means for moving the slide, but serves also as a means for securely supporting the rule and slide in the pocket or belt, it simply being necessary to force the outer wall of the pocket or belt, or
70 other part to which it is desired to attach the device, in the opening between the thumb piece 3 and the rule. Thus danger of accidental loss will be avoided.

The part 4 on the upper face is preferably made parallel with the face of the rule and lies closely adjacent the rule surface so that fine readings on the rule may be easily made. The lower portions of the engaging
75 parts project a slight distance below the body of the rule, and are provided as above stated with upwardly projecting engaging ridges 5 to bear against the rule while at the same time the shape is such as to permit the opening of the engaging surface to
80 the requisite extent to permit the insertion of rules, of slightly differing thickness.

Having therefore described my invention, what I claim is new and desire to secure by Letters Patent is:—
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1. A slide for rules comprising a body portion in arched form, engaging members at each side thereof, the latter being adapted to open, substantially as shown.

2. A slide for rules comprising a body
95 portion of arched formation, provided with side portions and adapted to engage a rule, the arched body portion being adapted to

be compressed to separate the engaging portions, substantially as stated.

3. A slide formed of a single piece of spring metal adapted to spring outwardly on compression of the body, substantially as stated.

4. The combination with a rule of a slide

formed of a single piece of metal having an arched body and spring engaging members adapted to bear against the upper and lower surface of the rule adjacent its edges, said body being prolonged to form a tail piece.

WILLIAM J. BOUSQUET.