R. P. McCULLY.

SURGICAL INSTRUMENT SHIELD.

APPLICATION FILED NOV. 21, 1917.

1,266,031.

Patented May 14, 1918.

Fig. 1.

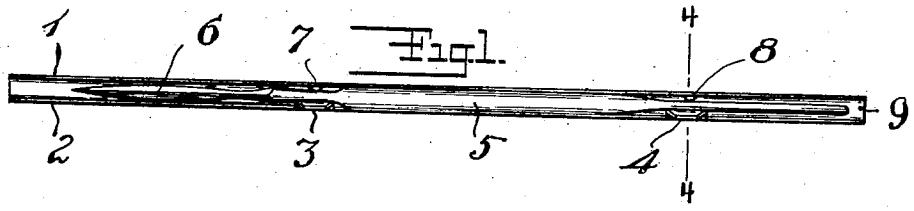


Fig. 2.

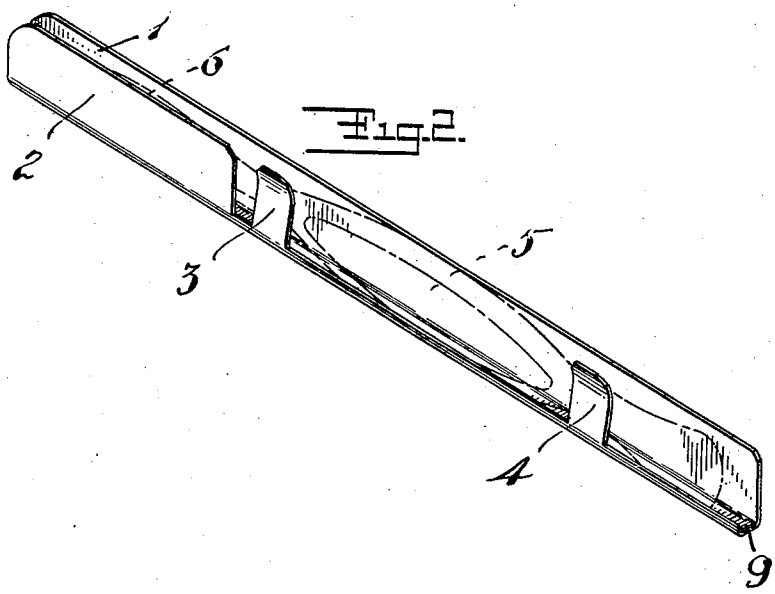


Fig. 3.

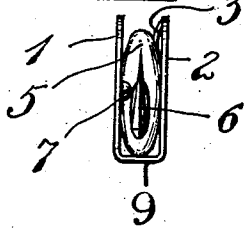
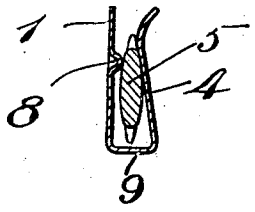


Fig. 4.



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SURGICAL-INSTRUMENT SHIELD.

1,266,031. Specification of Letters Patent. Patented May 14, 1918.

Application filed November 21, 1917. Serial No. 203,139.

To all whom it may concern:

Be it known that I, RICHARD P. McCULLY, a citizen of the United States of America, residing at Brooklyn, New York, have invented a new and useful Surgical-Instrument Shield, of which the following is a specification.

My invention relates to means for protecting pointed and sharp edged surgical instruments, such as knives and the like, the object being to provide a simple and inexpensive protector to prevent the breaking or nicking of such instruments while being sterilized or transported.

In the accomplishment of these objects, I have constructed a device for holding the instrument, which device may be made of any suitable material such as light sheet metal. I also provide retaining means for detachably securing the instrument in place, at the same time permitting the ready removal of the same for use.

In the drawing:

Figure 1 is a plan view of the shield, showing a knife in place therein.

Fig. 2 is a perspective view of the front of the shield, the instrument being shown in dotted outline.

Fig. 3 is a relatively enlarged end view of Fig. 1, looking from left to right.

Fig. 4 is a cross section on the plane of the line 4—4, of Fig. 1.

In the drawings, 1 represents the back wall of the shield. 2 represents a relatively short front wall. 9 represents a base to which the walls are connected, the short wall being located adjacent one end thereof, said walls being separated so as to provide a protecting space for the sharp or pointed end of an instrument to be carried thereby. 3—4 represent spring retaining fingers for detachably holding the instrument in position preferably by engaging the front and rear ends of the handle. 5 represents the handle, and 6 represents the blade or pointed portion of an instrument. 7 and 8 are studs which may be provided, if desired, on the inner side of the back wall 1 for coöperating with the spring fingers 3 and 4 respectively. By constructing a shield of this general character, one can easily insert or remove an instrument, since a portion of the instrument is always exposed at one side for engagement by the thumb or fingers.

While I have shown my new protecting shield in its preferred form, obviously I may modify the construction thereof without departing from the spirit or scope of the invention.

What I claim is:

1. An instrument shield comprising front and back plates with means for connecting the same and holding the same spaced, one of said plates being shorter than the other and being located adjacent to one end of the latter, with means for holding an instrument in place in said shield whereby the sharp or pointed end of said instrument will be located between said plates to be protected thereby.

2. An instrument shield comprising a base, a back wall extending upwardly therefrom throughout substantially the full length of said base, a front wall shorter than the back wall and projecting upwardly therefrom at one end of said base to form a protecting space at one end of said shield with yielding means to permit an instrument to be introduced into and removed from said shield at one edge thereof.

3. An instrument shield comprising a base, a back wall extending upwardly therefrom throughout substantially the full length of said base, a front wall shorter than the back wall and projecting upwardly therefrom at one end of said base to form a protecting space at one end of said shield with yielding means to permit an instrument to be introduced into and removed from said shield at one edge thereof, said means comprising spaced spring fingers projecting upwardly from the base.

4. An instrument shield comprising a base, a back wall extending upwardly therefrom throughout substantially the full length of said base, a front wall shorter than the back wall and projecting upwardly therefrom at one end of said base to form a protecting space at one end of said shield with yielding means to permit an instru-

ment to be introduced into and removed from said shield at one edge thereof, said means being formed partially on said base and partially on said back plate.

5. An instrument shield comprising a base, a pair of plates projecting upwardly therefrom and forming a protecting space between them, one of said plates being shorter than the other, with means for holding an instrument in place in said shield with the sharp or pointed end of the instrument in the space between said plates.

RICHARD P. McCULLY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."