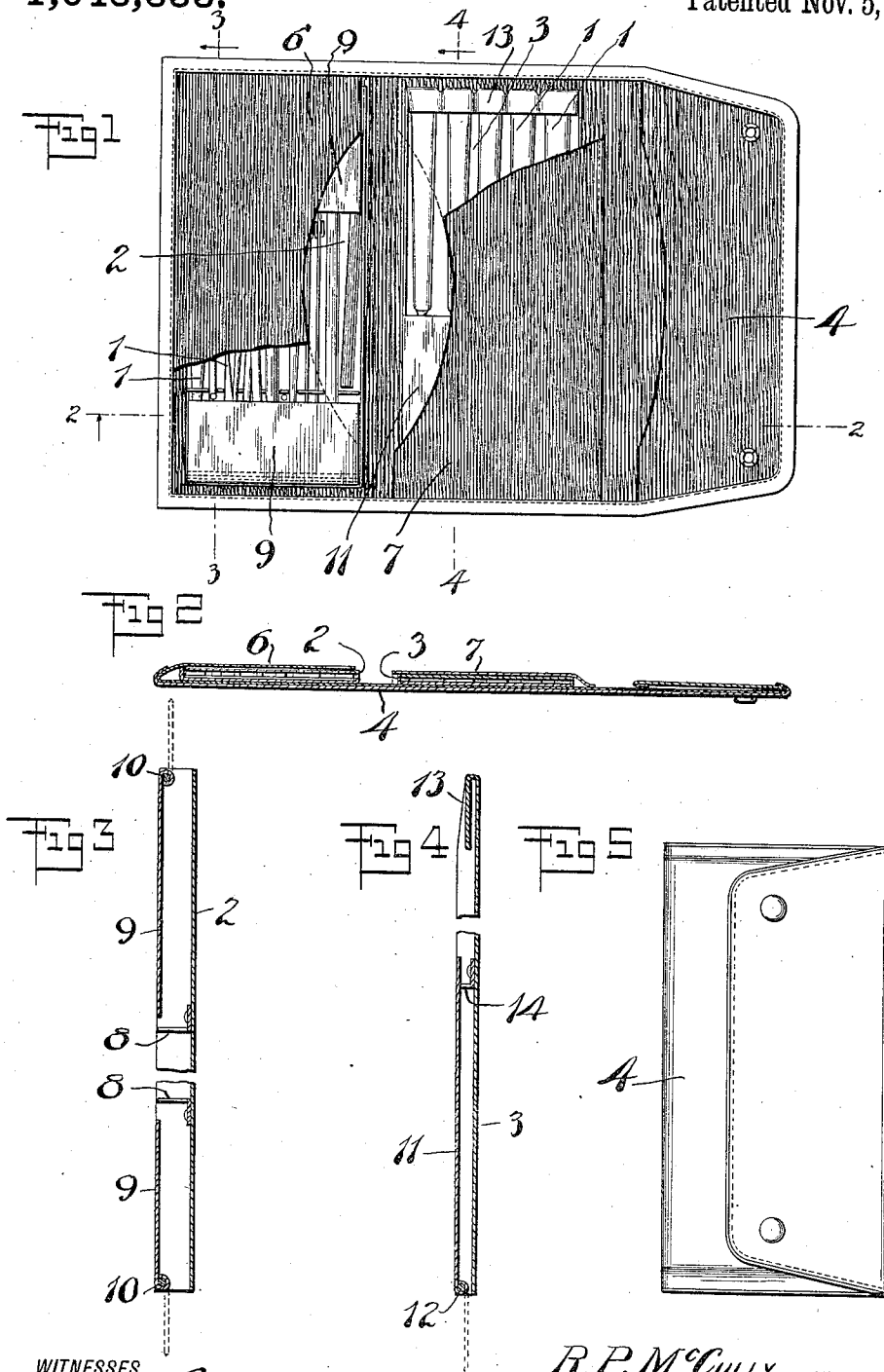


R. P. & C. H. McCULLY.
SURGICAL INSTRUMENT CONTAINER.
APPLICATION FILED NOV. 21, 1911.

1,043,333.

Patented Nov. 5, 1912.



WITNESSES
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UNITED STATES PATENT OFFICE.

RICHARD P. McCULLY AND CHARLES H. McCULLY, OF BROOKLYN, NEW YORK.

SURGICAL-INSTRUMENT CONTAINER.

1,043,333.

Specification of Letters Patent.

Patented Nov. 5, 1912.

Application filed November 21, 1911. Serial No. 661,569.

To all whom it may concern:

Be it known that we, RICHARD P. McCULLY and CHARLES H. McCULLY, citizens of the United States, residing at Brooklyn, Kings county, New York, have invented certain new and useful Improvements in Surgical-Instrument Containers, of which the following is a full, clear, and exact description.

Our invention relates to an improved surgeon's instrument kit or container.

The object of the invention is to provide an improved kit or container for the holding of a variety of instruments in a safe and compact manner, which holder is so arranged that the instruments can be quickly removed and effectively sterilized.

In the accompanying drawings, Figure 1 is a plan view on a reduced scale, of the complete kit in its preferred form, parts being broken away. Fig. 2 is a section on the line 2—2 of Fig. 1. Fig. 3 is a relatively enlarged section on the line 3—3 of Fig. 1, the middle part being broken away. Fig. 4 is a similar view on the line 4—4 of Fig. 1. Fig. 5 is a view of the kit folded up ready for the valise or pocket.

1—1 represent surgical instruments of indiscriminate form.

2—3 represent two combined trays and holders.

4 represents an external flexible cover for the trays, which not only envelops the trays and the contents, but also holds them in such a manner as to afford a mutual protection for the material of the cover 4 and the instruments 1—1, whereby the cover will not come in contact with such parts of the instruments as should be protected, and whereby the instruments will not come in contact with the material of the flexible cover, to the injury of the latter. The cover 4 is preferably made from some specially prepared fabric or leather, so that it may be readily folded up into compact form, as shown in Fig. 5.

6—7 are pocket flaps for the trays 2—3 respectively. These pocket flaps perform, as will later be seen, a double function.

The tray construction is unique in the following respects: For example, the tray 2 is provided with rack members 8—8 to hold the various instruments in proper position side by side. At each end of the tray 2, and pivoted at 10—10 to the opposite side members thereof, are flaps 9—9. The flaps 9—9

fold freely back when the trays are removed from the cover 4. The tray 3, in this particular instance, is provided with a flap 11 hinged at 12 at one end, and with a rigid flap 13 at the opposite end. In this, as in the previous instance, the tray 3 is provided with a rack 14.

The trays, flaps and racks are formed of metal and are, so far as possible, of simple and plain construction, whereby all the parts thereof may be easily and quickly sterilized, together with the instruments.

When the flaps referred to are shown in the positions indicated in the drawings, the instruments will be securely retained in the trays, so that the loaded trays may be removed from the pockets of the cover 4 and immersed bodily in a suitable sterilizing fluid, following which the instruments may be removed from the trays by turning up one or both of the flaps.

To pack the instruments away, the same are placed in the trays in their proper rack spaces, the flaps are folded down, the entire tray and contents again sterilized and inserted within the pockets under the pocket flaps, which latter hold down the metallic flaps of each tray so that escape or displacement of the various instruments therein is impossible, since, when the instruments are racked, the overlying tray flaps hold the instruments securely in place. Obviously any number of trays of the character described may be employed in a single cover, it being necessary merely to provide a sufficient number of pockets therein.

What we claim is:—

1. In a surgical kit or container, a metallic tray element for receiving surgical instruments having a bottom and two side walls and having an open end, a cover flap pivoted to the two side walls of the tray element above its bottom and adjacent its open end and extending transversely of the tray with its lower pivoted end above the bottom thereof, said cover flap being adapted when closed, to overlie the adjacent ends of the instruments and retain them within the tray, and means at the opposite end of said tray element adapted to overlie the adjacent ends of instruments and retain them in the tray.

2. In a surgical instrument kit or container, a metallic tray element for receiving surgical instruments having open ends, a rack within said tray for receiving instruments, cover flaps pivoted to the sides of the

tray element above its base and adjacent its open ends and adapted, when closed, to overlap the ends of the instruments therein and retain them within the tray, the pivoted ends of the cover flaps being at all times above the base of the tray at the open ends thereof.

3. As an article of manufacture, an open metallic tray element for receiving surgical instruments having open ends, metallic cover flaps hinged to the sides of the tray element above its base at such ends with their piv-

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Witnesses:

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