

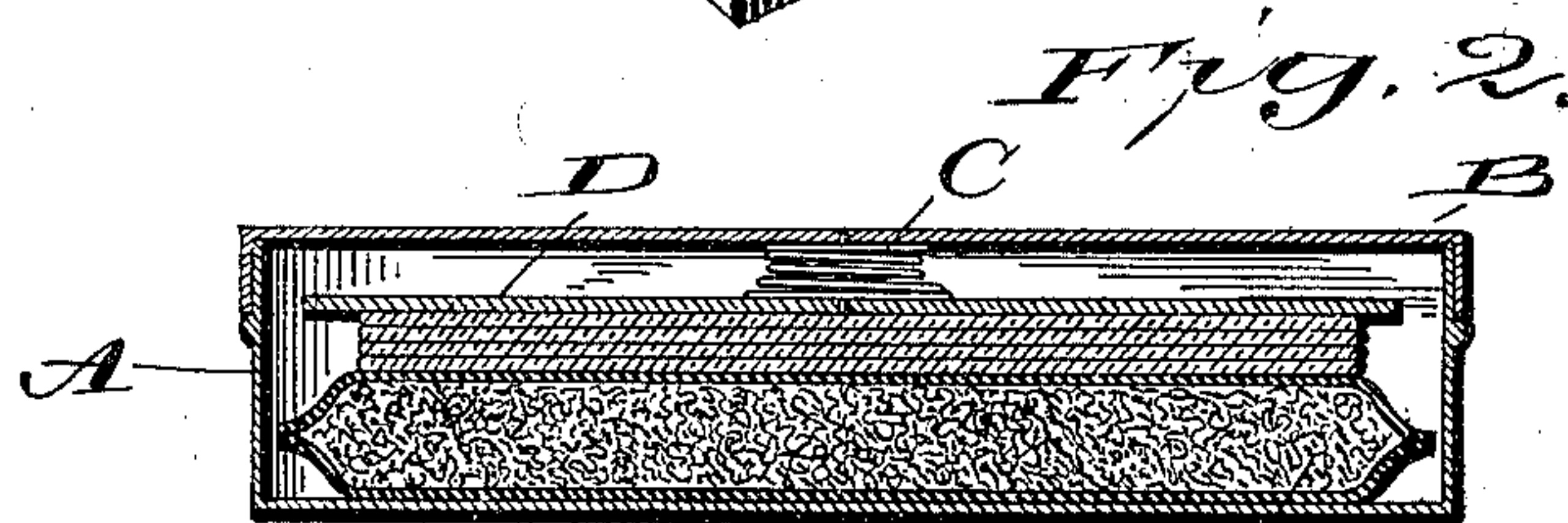
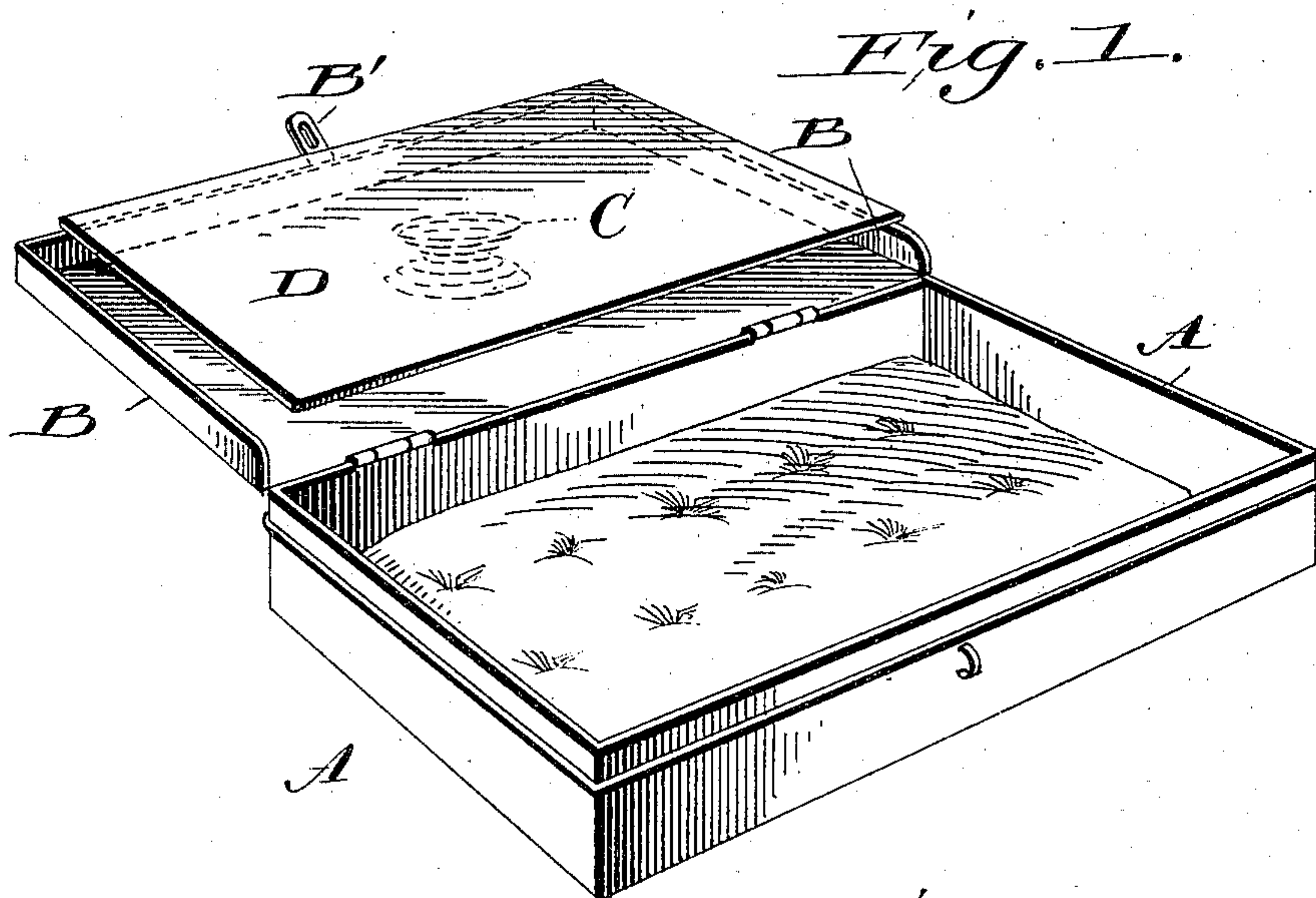
No. 625,777.

Patented May 30, 1899.

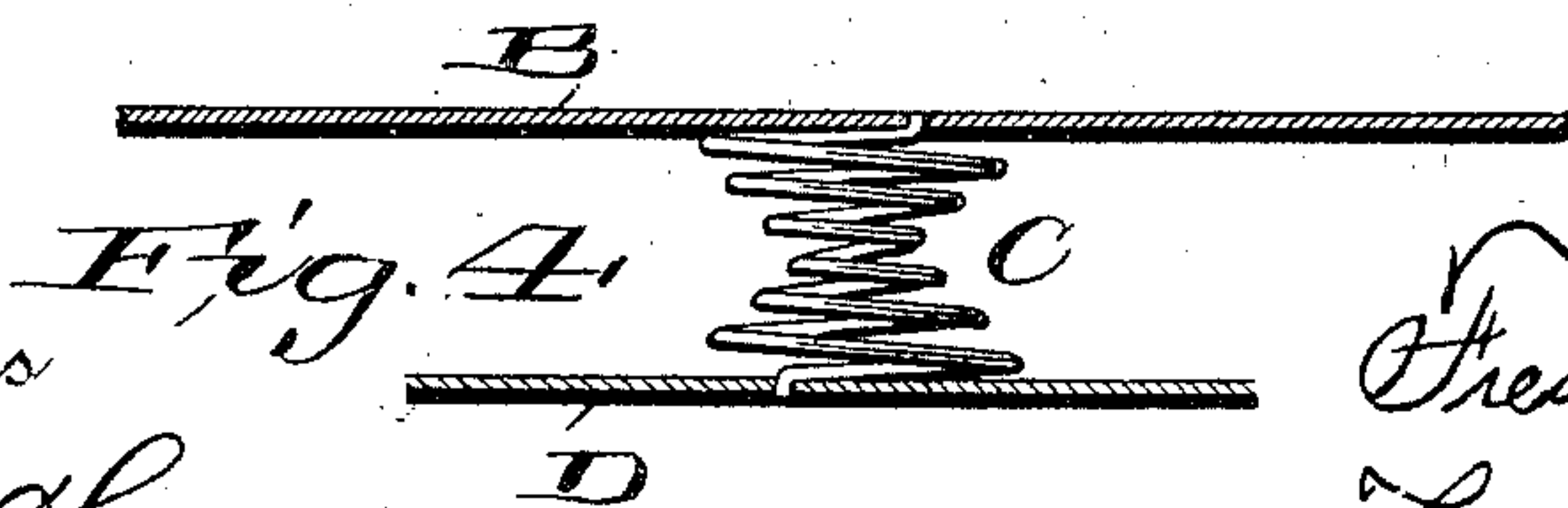
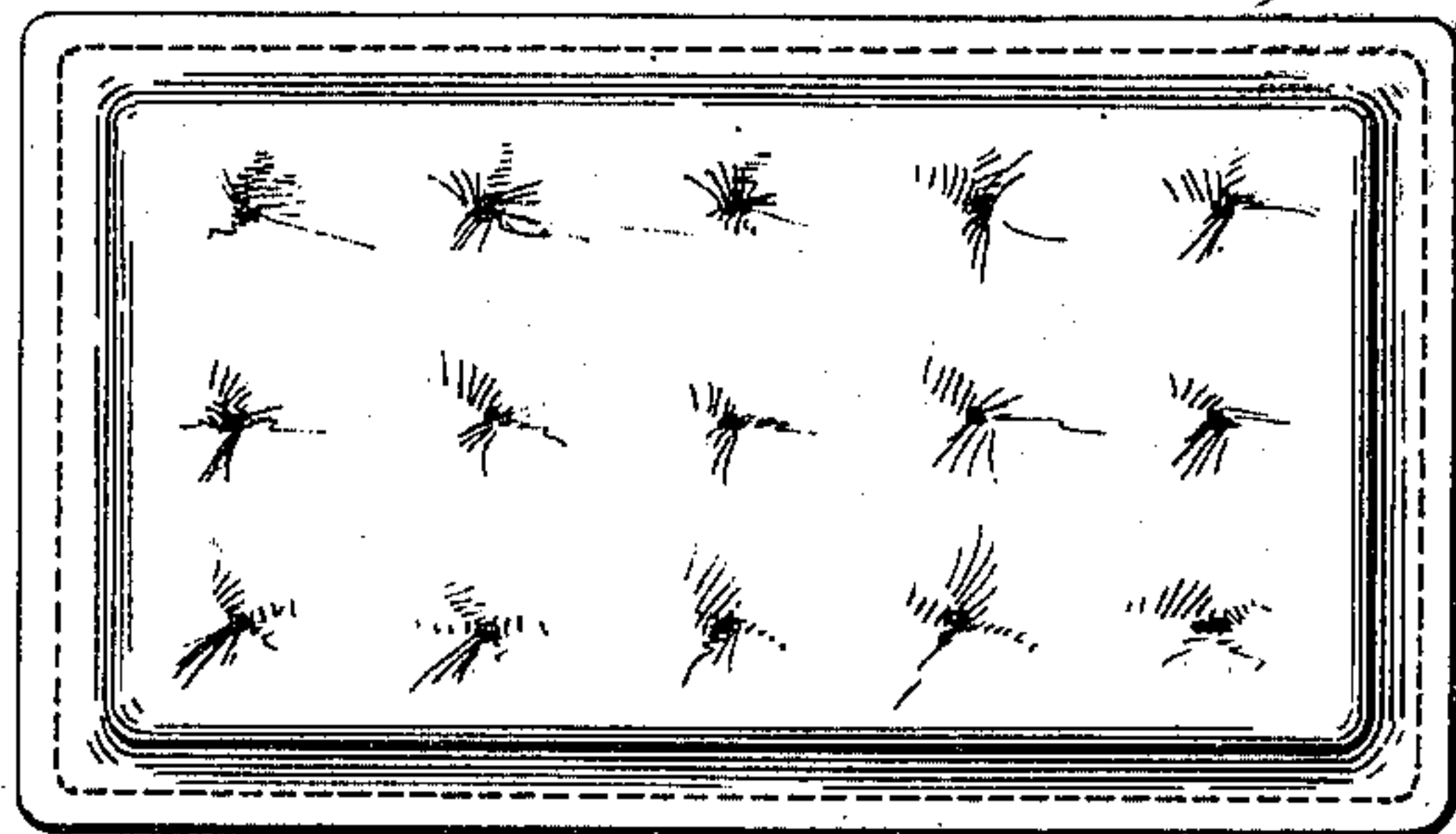
F. W. KOCH.  
COPYING PRESS BATH APPARATUS.

(Application filed Feb. 11, 1899.)

(No Model.)



*Fig. 3.*



Witnesses

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# UNITED STATES PATENT OFFICE.

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## COPYING-PRESS BATH APPARATUS.

SPECIFICATION forming part of Letters Patent No. 625,777, dated May 30, 1899.

Application filed February 11, 1899. Serial No. 705,344. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK W. KOCH, a citizen of the United States, residing at New York, (Brooklyn,) in the county of Kings and State of New York, have invented certain new and useful Improvements in Copying-Press Bath Apparatus; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in copying-press baths, and especially to the provision of a box or receptacle having a suitable lid hinged or otherwise secured thereto, said receptacle designed to contain a tufted cushion designed to be filled with sponges and over which suitable pads are disposed and interposed between said cushion and a spring-actuated plate carried by the cover, whereby as the latter is closed the pads are held under pressure against the moistened cushion to thoroughly moisten the same.

To these ends and to such others as the invention may pertain the same consists, further, in the novel construction, combination, and adaptation of parts, as will be hereinafter more fully described and then specifically defined in the appended claims.

My invention is clearly illustrated in the accompanying drawings, which, with the letters of reference marked thereon, form a part of this application, and in which drawings—

Figure 1 is a perspective view of my copying-press bath apparatus, showing the cover opened. Fig. 2 is a cross-section through the receptacle and the cushion, pads, and spring-actuated plate. Fig. 3 is an enlarged detail view of the cushion, and Fig. 4 is a detail view of the spring-actuated plate.

Reference now being had to the details of the drawings by letter, A designates the box or receptacle, which may be made of tin or other material, and hinged thereto is a cover B, provided with a locking-clasp B'. To the inner side of the cover is attached one end of the coiled spring C, which spring tapers toward its middle portion, thence outward, as shown, the outer end of the spring being connected to the plate D.

Contained within the receptacle is a cushion

E, which is tufted and contains small particles of sponge, (ground sponge,) and the edges are preferably bound with tape, the covering to the cushion being of any suitable material, as muslin, which may be covered, if desired, with flannel or other suitable cloth. The pads, which are interposed between the cushion and the plate D, are composed, preferably, of two or more pieces of muslin fastened on all sides with moisture-proof gum or cement to prevent raveling, also stitched through onto the sides, as indicated by dotted lines, and there may be as many pads as the receptacle will hold at one time, it being found that from forty to fifty pads can be advantageously used.

After the cushion-pads have been inserted in place the lid or cover is closed, which will cause the plate D to press against the pile of pads, forcing the latter against the cushion, from which they will absorb moisture necessary to effect the copying.

By the employment of a bath for copying-pads constructed as hereinbefore described it will be seen that when it is desired to copy letters in a letter-book the pads are thoroughly moistened and ready for use, and any number of letters may be copied by inserting the pads between the leaves in the usual manner employed in letter-copying.

What I claim to be new, and desire to secure by Letters Patent, is—

1. A copying-press bath outfit, comprising a receptacle designed to contain a cushion, a cover, the said receptacle hinged thereto, and carrying a spring-actuated plate designed to be held under tension against the contents of the receptacle, as set forth.

2. In a copying-press bath outfit, the combination with the box or receptacle having hinged cover, a plate, and a spring having a double taper connected at one end to said plate, its other end to the cover, of the cushion made up of particles of sponge and having a suitable covering, and the pads of muslin interposed between the cushion and the spring-actuated plate, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK W. KOCH.

Witnesses:

C. H. MERRITT,  
EDWARD STEVENSON.