

No. 687,901.

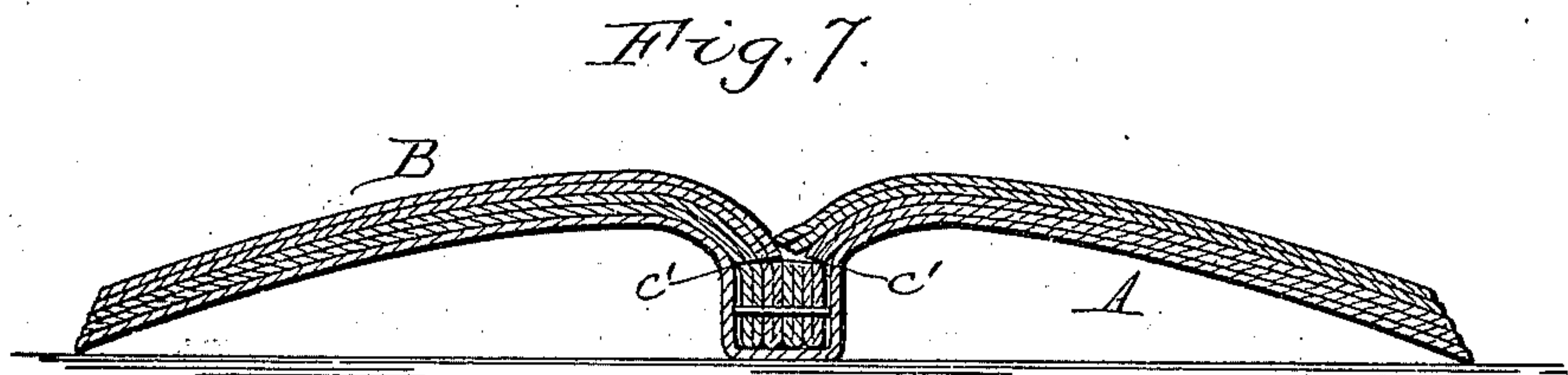
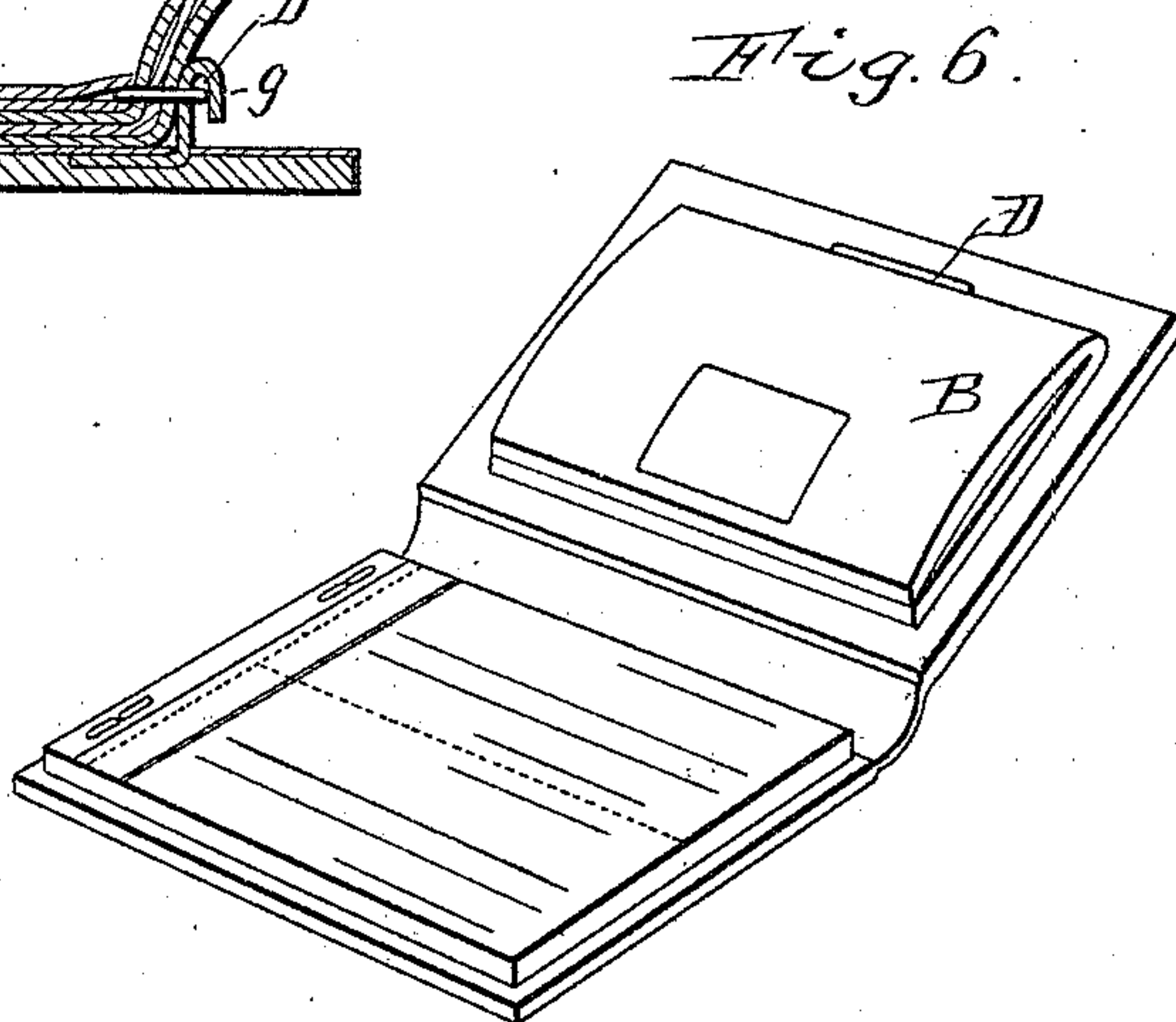
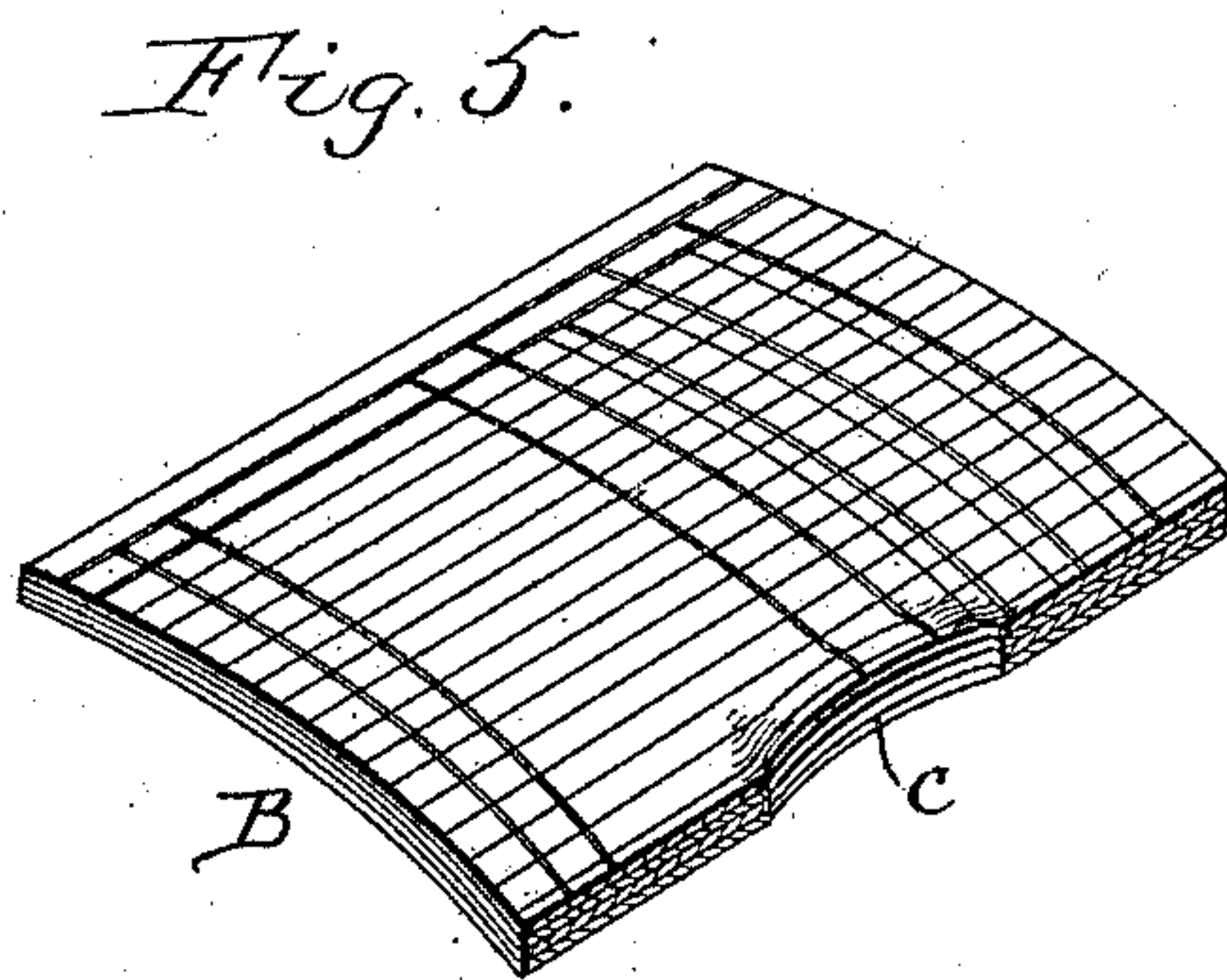
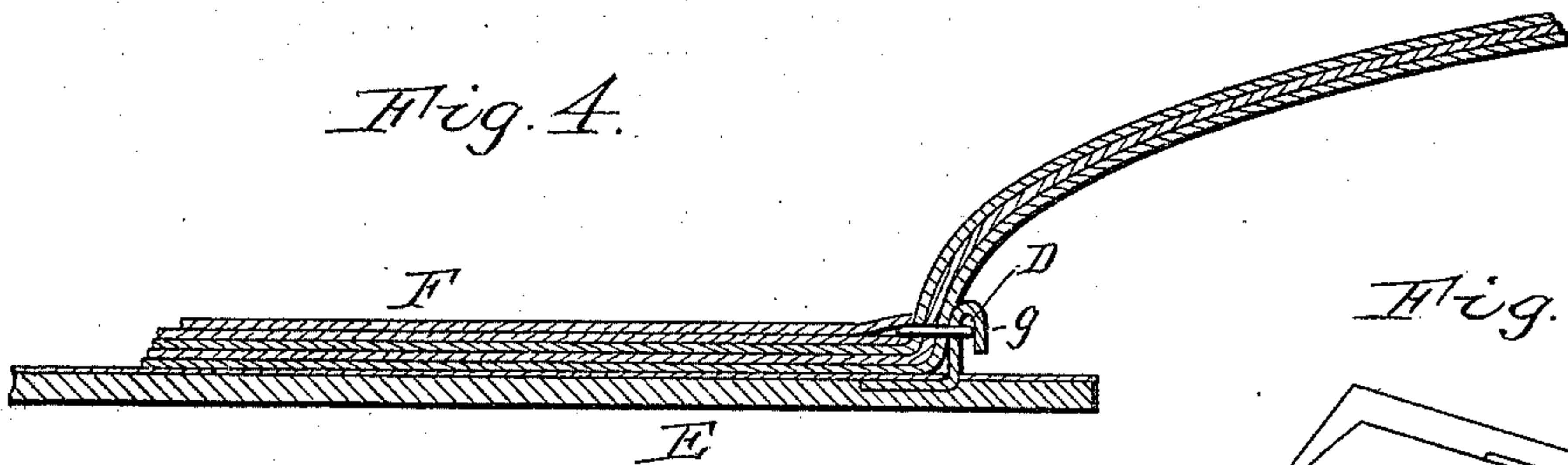
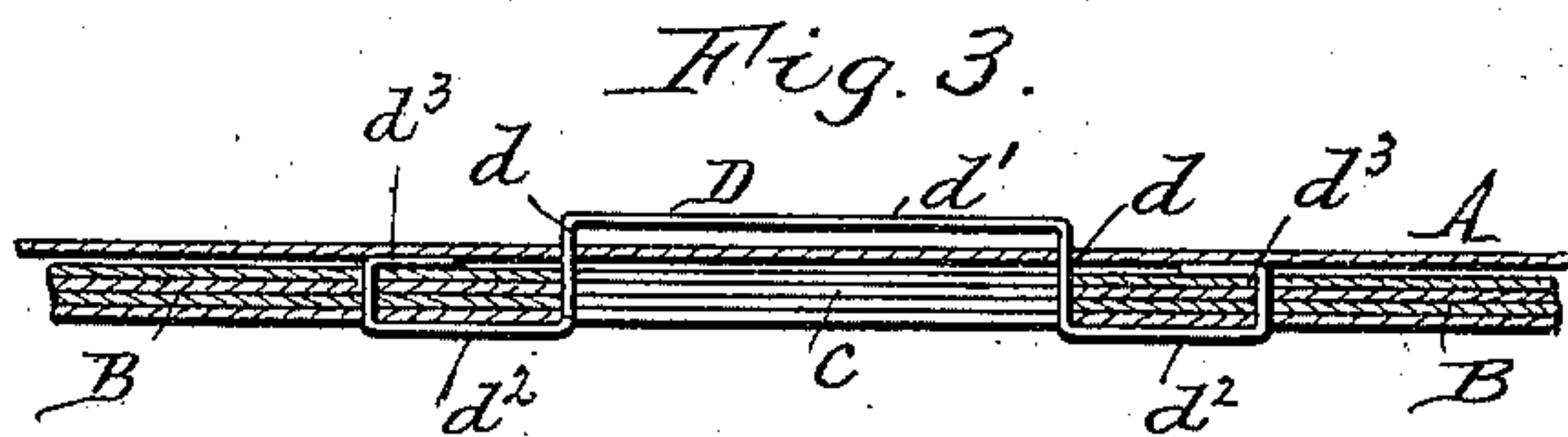
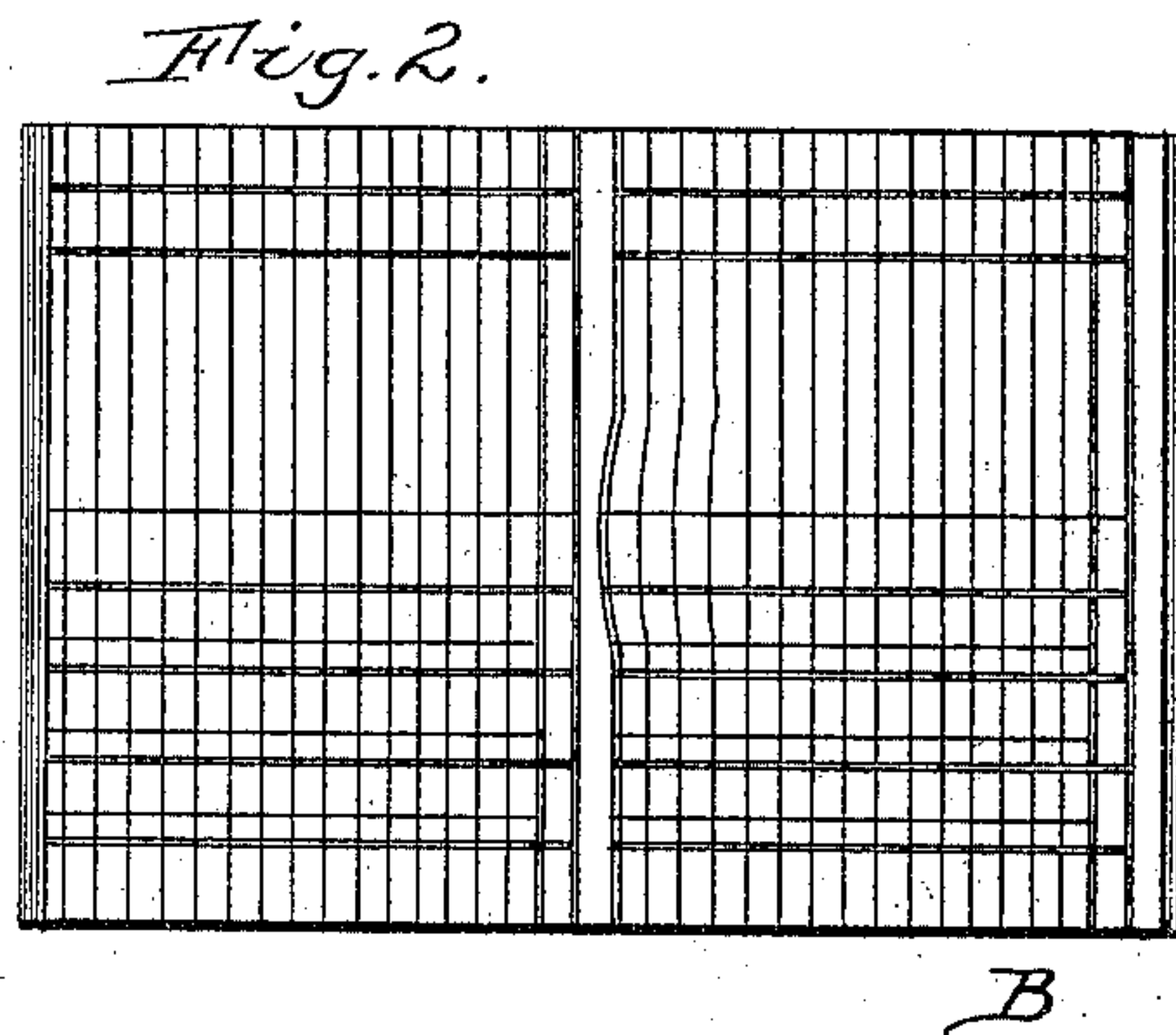
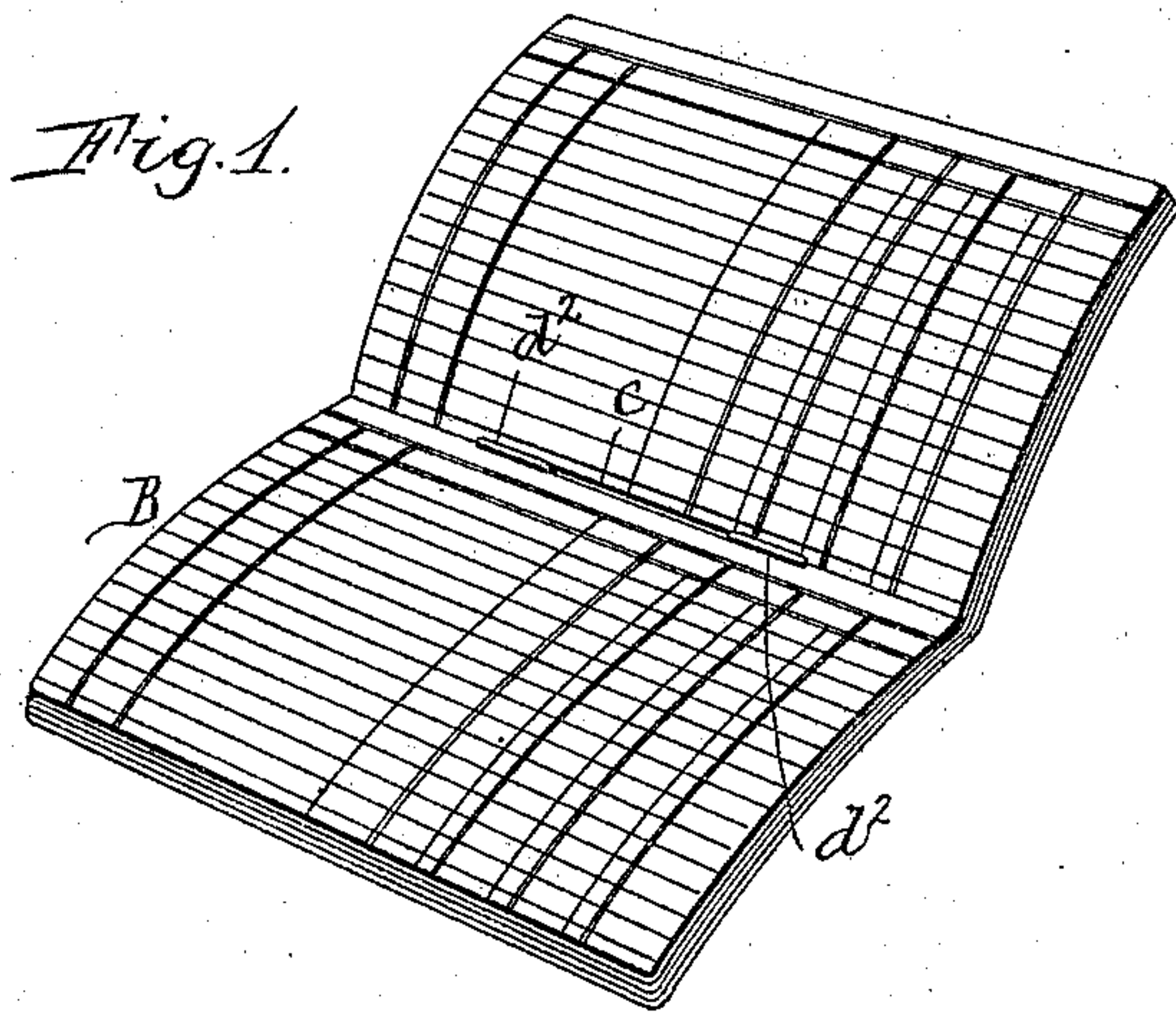
Patented Dec. 3, 1901.

J. H. RAND.

BOOK.

(Application filed Dec. 20, 1900.)

(No Model.)



Witnesses:

E. A. Volk.

F. F. Scherzinger

James H. Rand Inventor.

By Wilhelm Morant Attorneys

UNITED STATES PATENT OFFICE.

HERMANN AUGUST EMIL ROSSMANN, OF HAMBURG, GERMANY.

STAND FOR UMBRELLAS, CANES, OR SIMILAR ARTICLES.

SPECIFICATION forming part of Letters Patent No. 687,902, dated December 3, 1901.

Application filed May 6, 1901. Serial No. 58,877. (No model.)

To all whom it may concern:

Be it known that I, HERMANN AUGUST EMIL ROSSMANN, a citizen of the German Empire, and a resident of Hamburg, Germany, have
5 invented certain new and useful Improvements in or Relating to Stands for Umbrellas, Canes, or the Like, of which the following is a specification.

The present invention relates to a stand for
10 umbrellas, canes, and similar articles which is particularly designed for show-windows or the like and which is so constructed that it allows an easy insertion and removal of the article held even from a remote point when
15 it is not possible, for instance, to reach it with the hand.

In the accompanying drawings is shown a stand according to the present invention.

Figure 1 is a front view, and Fig. 2 is a
20 plan view.

A cup *b*, rigidly connected with the foot *a* of the stand, serves as a support for the tip of the umbrella, cane, or the like *c*. On radially-arranged lugs or ribs *e* of the cup *b* are
25 pivoted arms *d*, the lower ends of which are pressed outwardly by springs *f*. The upper arms serve as bearings for rollers *g*, over which are angle-shaped projections *h* of the arms *d*, and which rollers, in connection with
30 the obliquely upwardly extending parts *h*, form a funnel-shaped entrance for the end of the umbrella or cane. Under the pressure of the springs *f* the upper ends of the arms *d* approach each other, so that they touch each
35 other when the stand is out of use. If an umbrella, cane, or the like is introduced, the funnel-shaped entrance is widened through the pressure of the cane sliding between the parts *h* until the tip reaches the rollers *g*.
40 The latter forming a smaller circle than the inner points of the parts *h*, the arms *d* will consequently be forced outwardly until the

cane *c* is received between the radially-arranged rollers *g*. The cane then slides down, guided by the rollers *g*, and finally comes
45 into the position shown in dotted lines in Fig. 1. In consequence of the smooth surface of the rollers *g* no damages to the cane or umbrella polish can take place. The caneferrule is received in the cup *b*, and the cane
50 *c* is maintained in position above its supporting-point by the arms *d* under the influence of the springs *f*.

In the construction shown in the drawings flat springs *f* are used, which are secured between the footpiece *a* and the cup *b*. Instead of flat springs any other type of spring
55 could of course be used, just as the method of securing could be accomplished in other convenient manner as long as an equal pressure of the upwardly-extending arms is effected.
60

Instead of three arms *d*, as shown in the drawings, several arms could be employed, and an arbitrary number of stands could be
65 arranged upon one common base-plate. The method of securing the arms *d* can be varied by movably securing the arms at their lower ends to the footpiece *a* or to the cup *b*, in which case draft-springs above the pivotal point
70 would be used, or it is also possible to use arms which are flexible in themselves.

What I claim is—

A stand for umbrellas and canes, composed of a cup, a series of spring-influenced arms
75 having outwardly-inclined upper ends, and rollers pivoted to the arms below such inclined upper ends, substantially as specified.

Signed by me at Hamburg, Germany, this 17th day of April, 1901.

HERMANN AUGUST EMIL ROSSMANN.

Witnesses:

F. POTHS,

E. H. L. MUMMENHOFF.