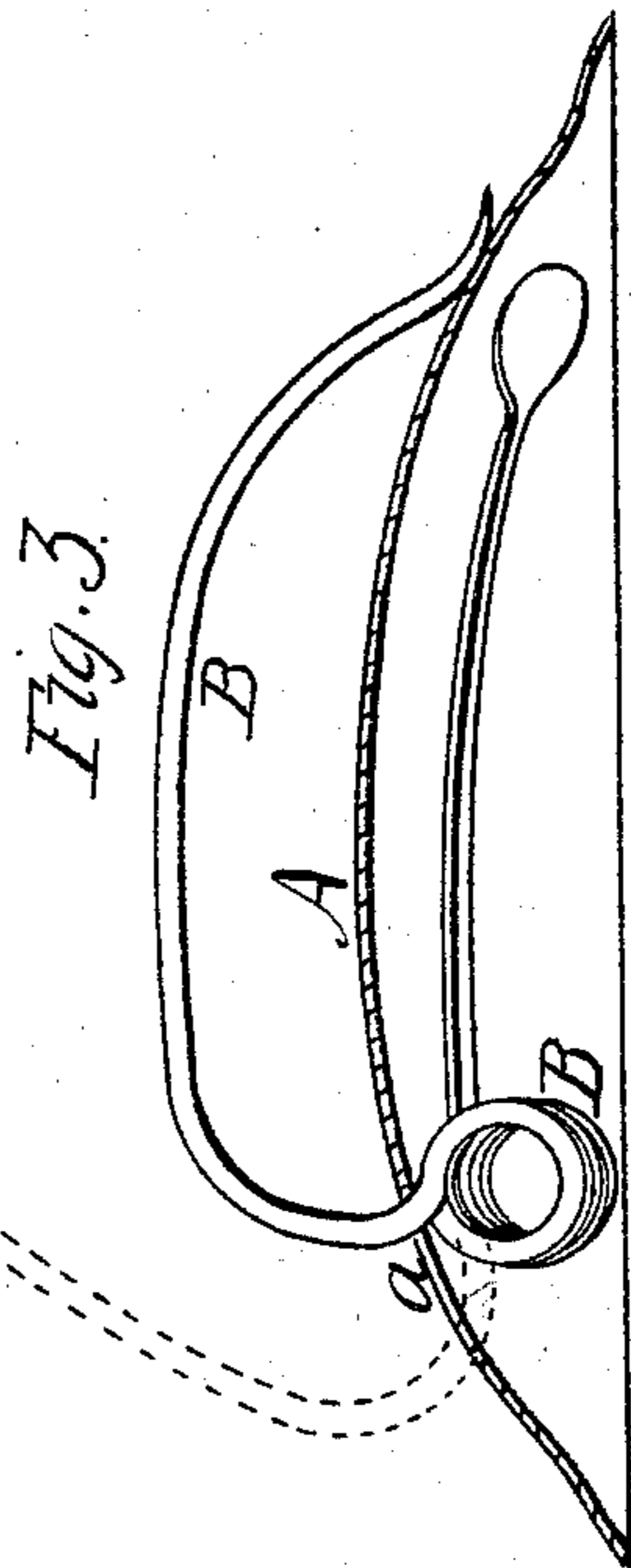
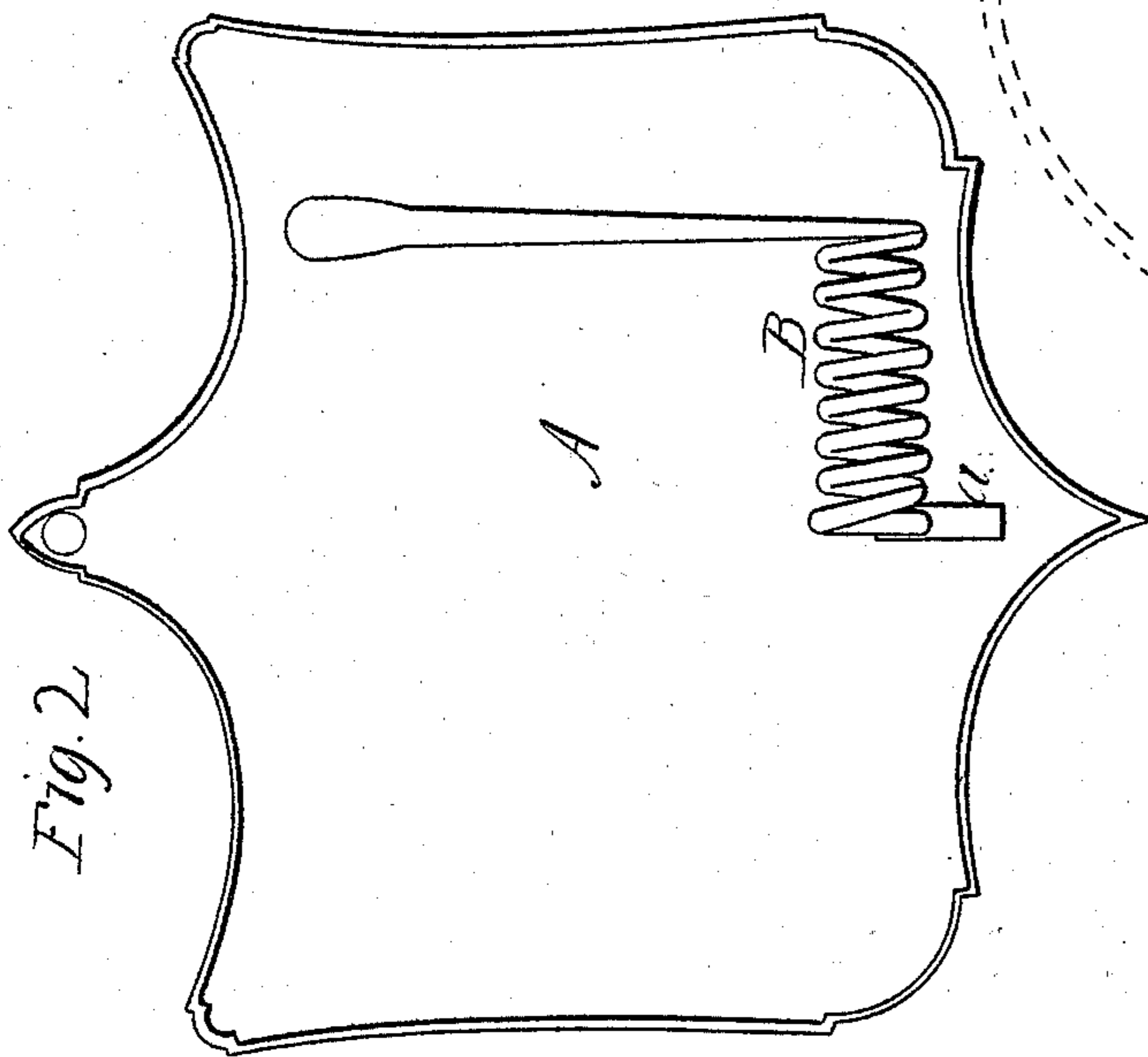
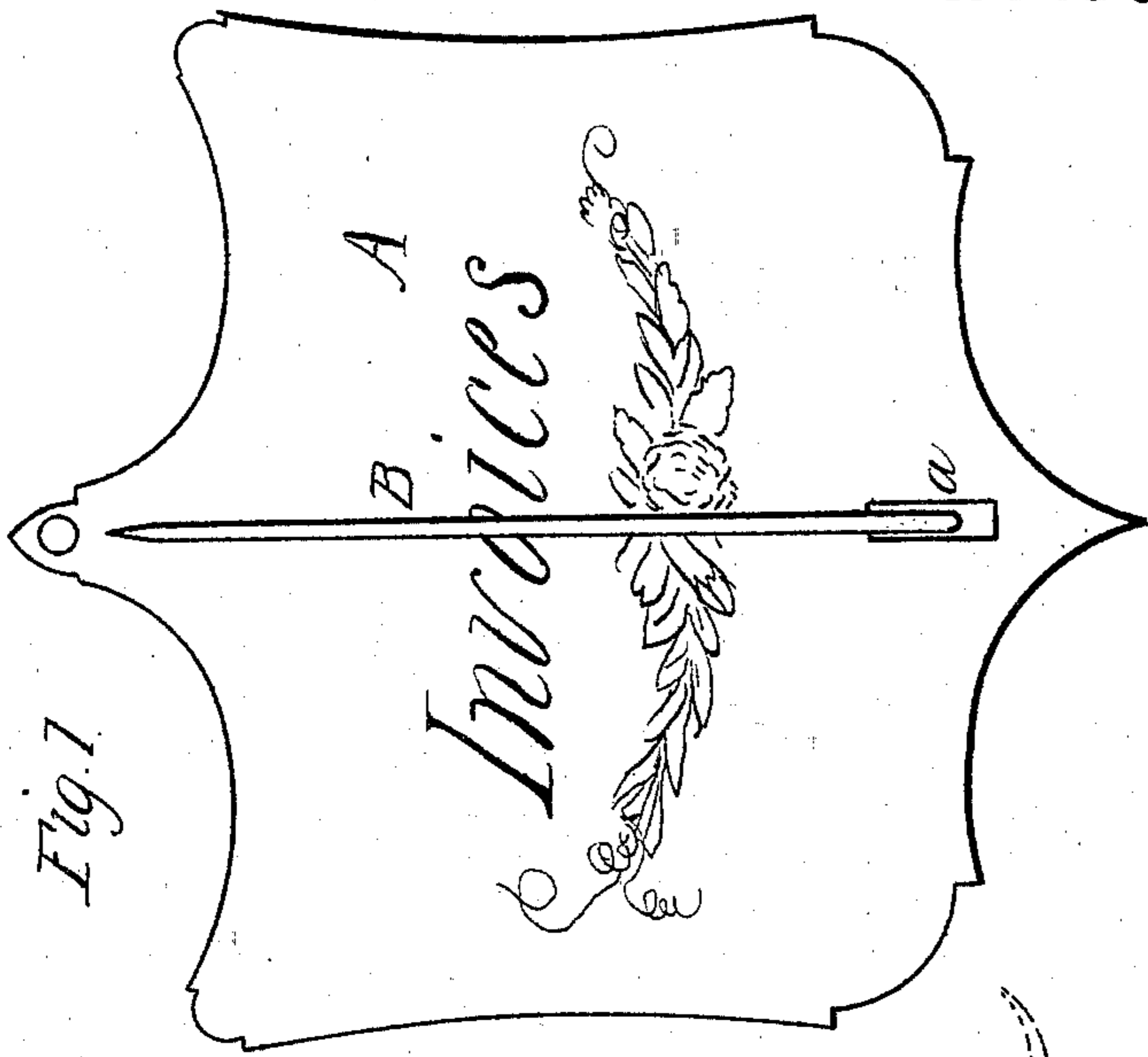


G. W. Schramm.
Paper Clip.
N^o 43,432. Patented Jul. 5, 1864.



Witnesses:

R. B. Orkin
James H. Vaddam

Inventor.

G. W. Schramm

UNITED STATES PATENT OFFICE.

G. W. SCHRAMM, OF BROOKLYN, NEW YORK.

FILE-HOOK.

Specification forming part of Letters Patent No. 43,432, dated July 5, 1864.

To all whom it may concern:

Be it known that I, G. W. SCHRAMM, of the city of Brooklyn, county of Kings, and State of New York, have invented an Improved Filing-Hook; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents a front elevation of a filing-hook constructed according to my invention. Fig. 2 is a back view of the same. Fig. 3 is a vertical section of the same.

Similar letters of reference indicate corresponding parts in all the figures.

My invention consists in the arrangement of a spring-hook fixed to the filing-plate, instead of a stationary hook, commonly used on the same, in such a manner that the point of the hook when not in operation will bear close to the filing-plate and be out of the way of the person who operates it; but when the latter desires to use the hook the point can be turned off away from the filing-plate and present itself ready for filing an invoice or letter, after which operation the hook and point will spring back so as to bear against the filing-plate, as it did before it was moved by the hand of the operator.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

A, Figs. 1, 2, and 3, represents the filing-plate, which is made hollow or with a cavity at the back, and is provided with a small hole through the upper part, for the purpose of hanging up the same, and also with a vertical

slot, *a*, in the center of the lower part of the same. B is the spring-hook, which consists of a spiral spring placed horizontally in the back of the filing-plate. One end of the same, forming the hook, passes through the slot *a* and extends vertically up across the front side of the filing-plate, terminating in a point and bent to the shape shown in the drawings, Fig. 3. The other end of the spring-hook, B, is secured on the back of the filing-plate.

Now, it will be clearly seen that when an invoice or letter is to be filed, the operator turns the hook off away from the filing plate, the spiral spring allowing it to be turned nearly one-fourth of a circle, and the point of the hook then presents itself to the operator, so that he can file an invoice or letter, and after the document is filed the operator releases the hook, and the said hook with its point will spring back close to the filing-plate, in which position it will rest and be out of the way from the operator, thus preventing him from sticking his hand on the hook or otherwise injuring or annoying himself.

It will also be obvious that instead of the horizontal spiral spring a hinge and a straight spring will answer the same purpose.

What I claim as my invention, and desire to secure by Letters Patent, is—

The spring-hook attached to the filing-plate and operating as and for the purpose herein shown and described.

G. W. SCHRAMM.

Witnesses:

R. BACKLEW,
JAMES C. HADDEN.