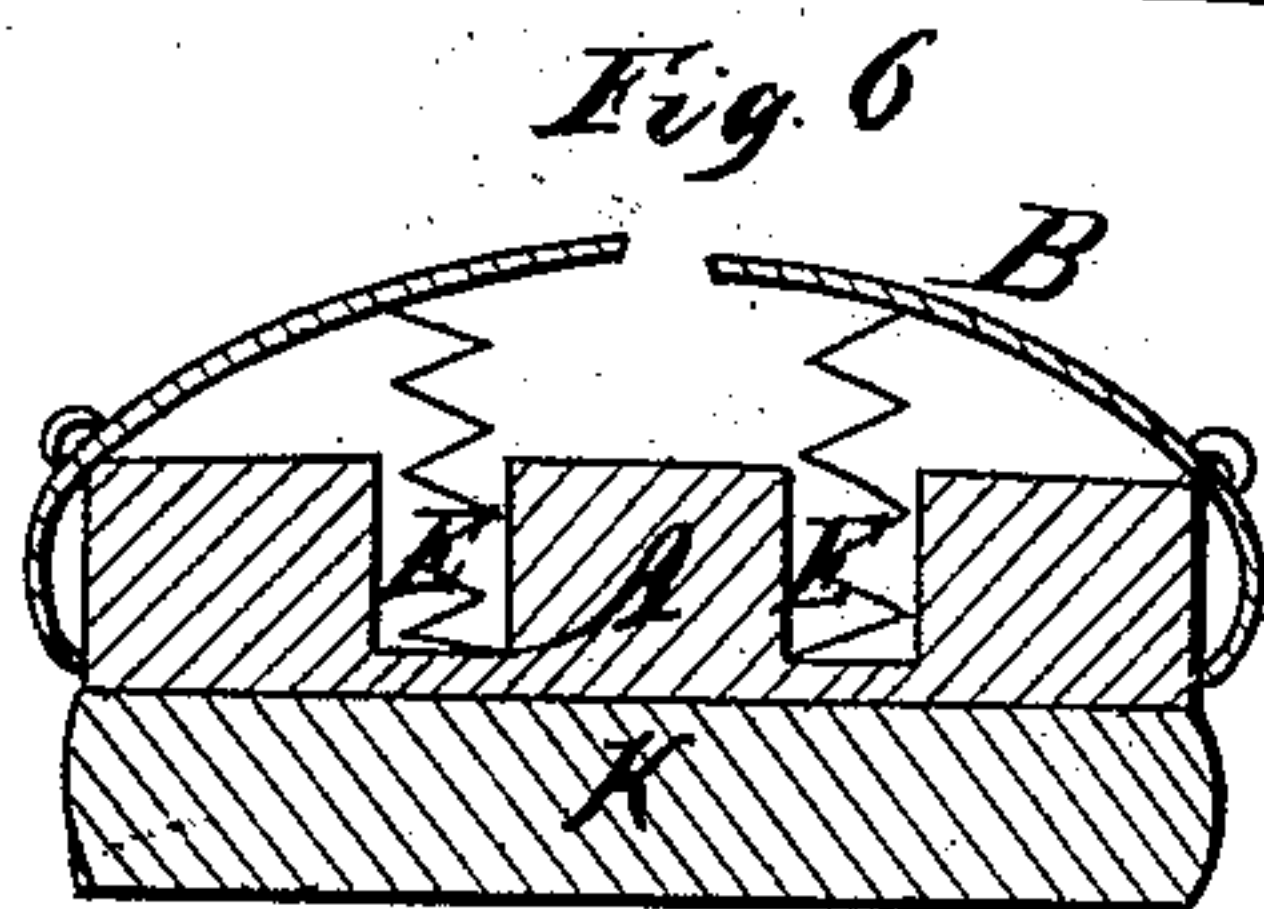
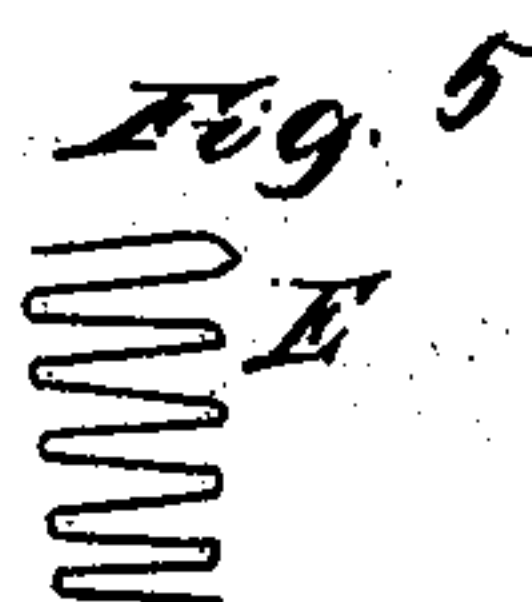
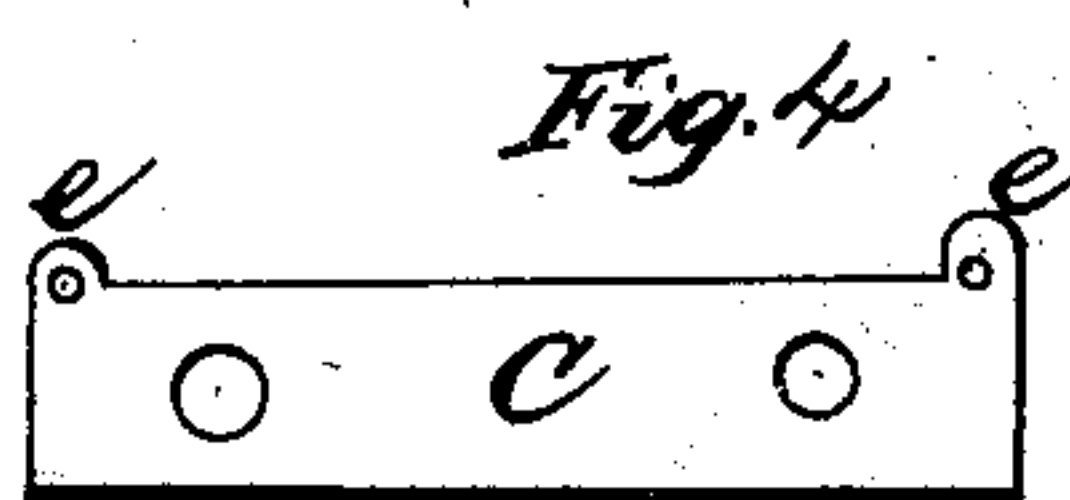
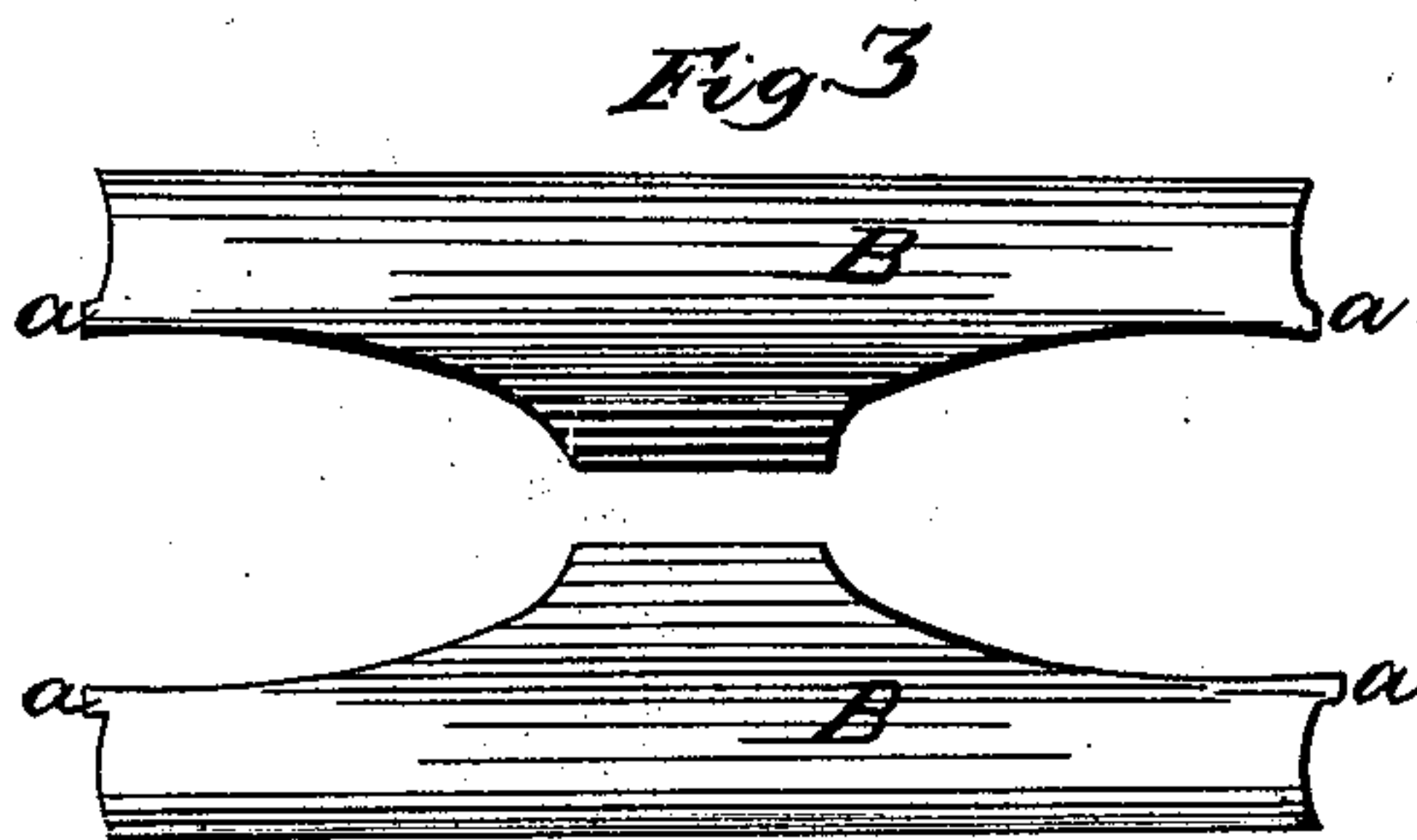
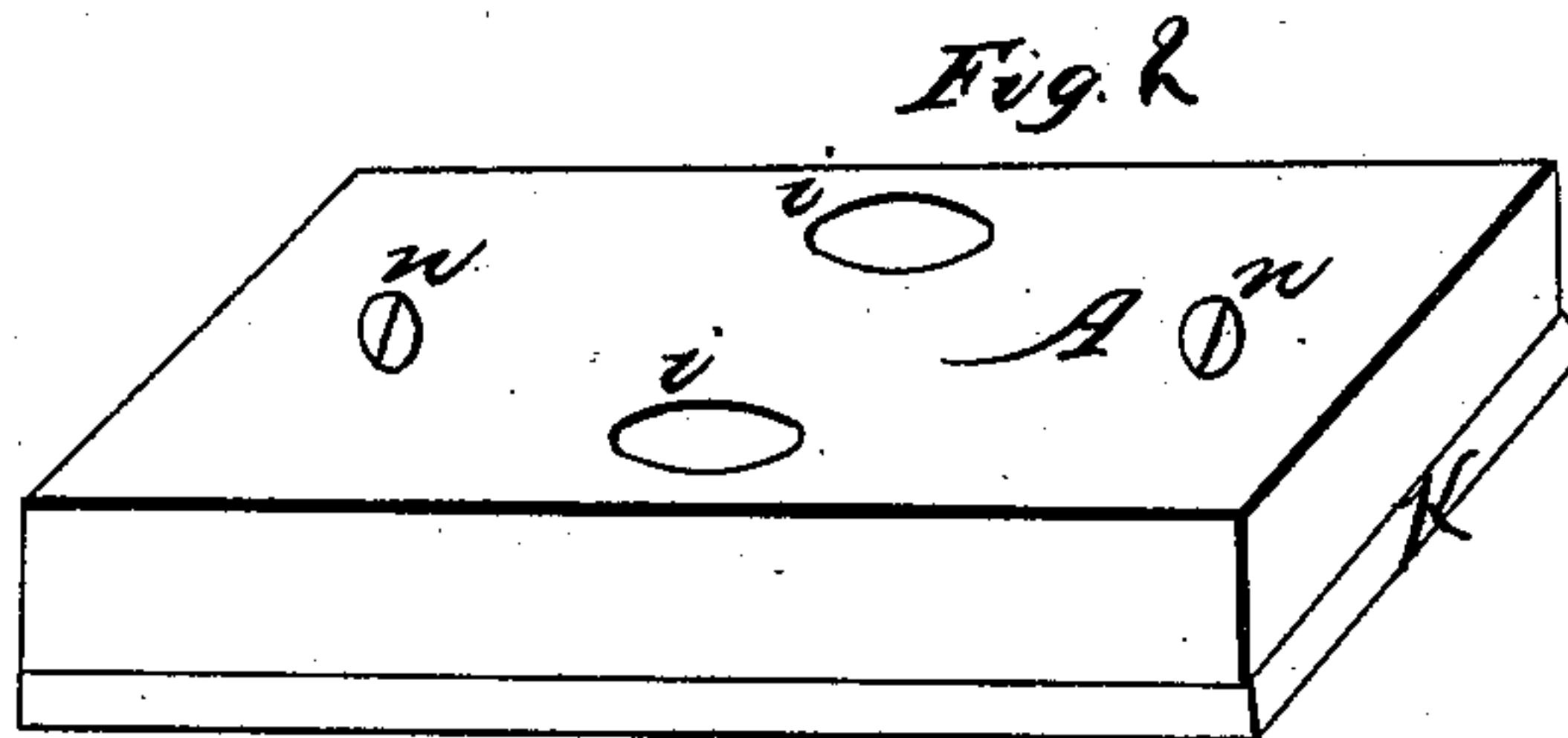
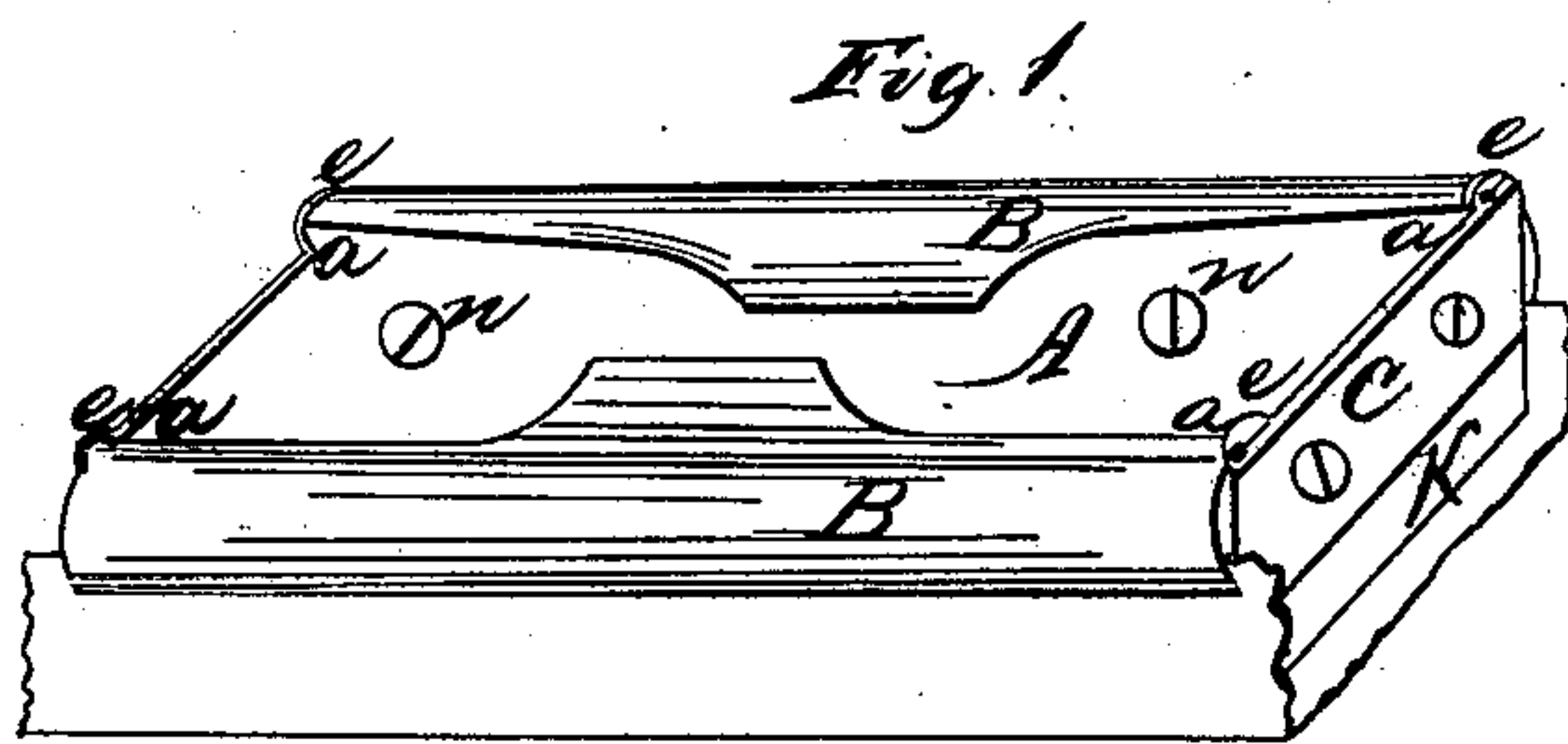


E. R. Barnes,

Sand-Paper Holder

N^o 40,231.

Patented Oct. 13, 1863.



Witnesses

D. F. Barnes
Lizzie Joyce

Inventor.

Ezra R. Barnes

UNITED STATES PATENT OFFICE.

EZRA R. BARNES, OF BROOKFIELD, CONNECTICUT.

APPARATUS FOR HOLDING EMERY OR SAND PAPER.

Specification forming part of Letters Patent No. 40,231, dated October 13, 1863.

to all whom it may concern:

Be it known that I, EZRA R. BARNES, of Brookfield, in the county of Fairfield and State of Connecticut, have invented a new Device for Holding Emery or Sand Paper; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of the specification, in which—

Figure 1 is a perspective view of my invention. Fig. 2 is a perspective view of base-block in two sections, A and K, being attached by means of screws passing down through section A into section K; and K also represents a cushion, with its edges between the two sections of the same. Fig. 3 is a top view of the side clamps, B B. Fig. 4 is a view of one of the bearing-plates *c c*. Fig. 5 is a detached view of one of the springs in the cavity *i i*. Fig. 6 is a vertical cross-section taken in line *x x* of Fig. 1.

This invention consists in having two jaws or clasps attached to a base-block by means of bearings upon the ends of said jaws, and being entered into the ear-holes in the end plates, which are attached to the ends of the base-block by means of screws, and the jaws or clasps are held firmly down upon the paper against the sides of the base by means of spiral springs, underneath the thumb-pieces on the jaws, which press upward against the thumb-pieces of the jaws, so as to secure the paper firmly against the base. The jaws or clasps and end plates can be changed, vice versa, so the clasps will be upon the sides and end plates upon the sides.

To enable those skilled in the art to fully

understand and construct my invention, I will proceed to describe it.

A represents the base of the emery or sand paper holder in two sections, between which the edges of the cushion is held by means of screws *n n*, passing down through A into K. *i i* represent holes, into which spiral springs E E are inserted, as shown in Fig. 6, underneath.

B B represent the jaws or clasps, which are attached to the base A by means of inserting the bearings *a a a a*, Fig. 3, into the ears *e e*, Fig. 4, as clearly shown in Fig. 1.

O represents the end plates, also attached to the base by means of screws passing through said plate into the base, as shown clearly in Figs. 1 and 4.

E represents spiral springs, placed in the holes *i i*, Fig. 2, which are directly underneath the thumb-pieces on the jaws, as shown by the dotted lines in Figs. 1 and 6.

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

1. The jaws or clasps and springs.
2. The plates and ears for holding the jaws or clasps.
3. The cushion over which the paper is placed.
4. Holding the cushion in place by placing its edges between the two sections of the base, and by means of screws or any other well-known mode of fastening, substantially and for the purpose set forth.

EZRA R. BARNES.

Witnesses:

JULIA A. MORROW,
CURTIS MORRIS.