

(No Model.)

W. H. McMILLAN.  
TEMPORARY FILE.

No. 551,223.

Patented Dec. 10, 1895.

Fig. 1.

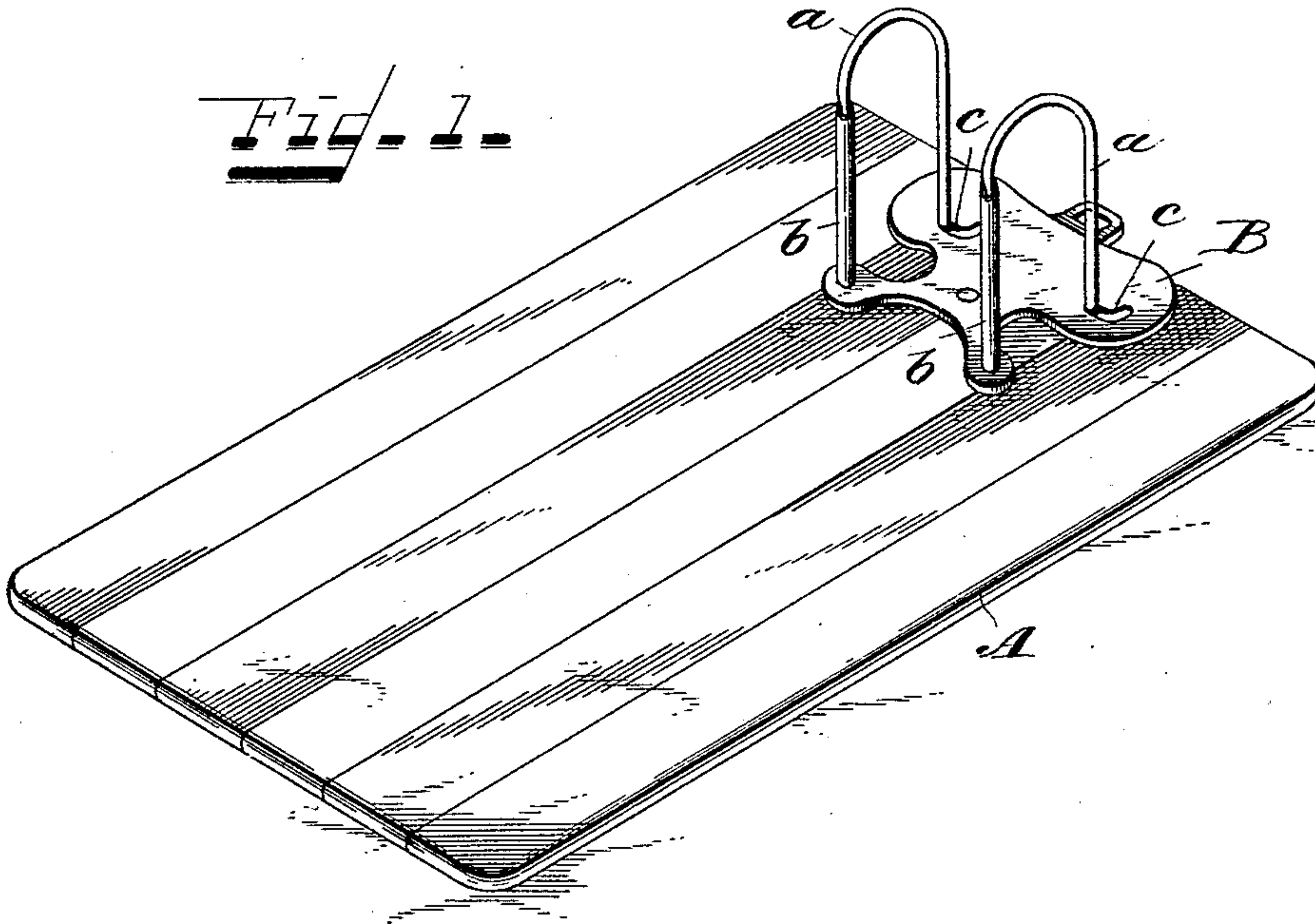


Fig. 2.

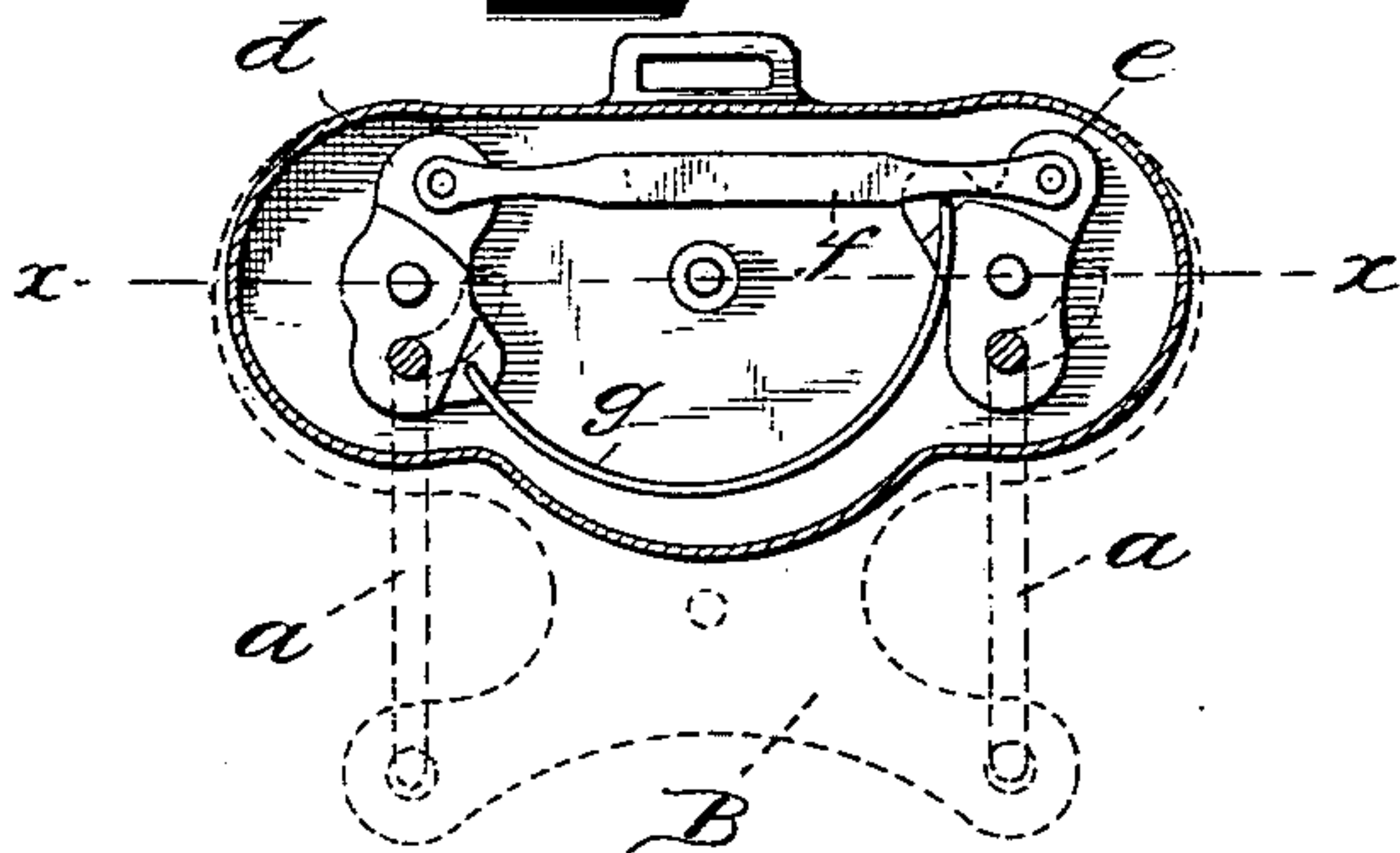


Fig. 3.

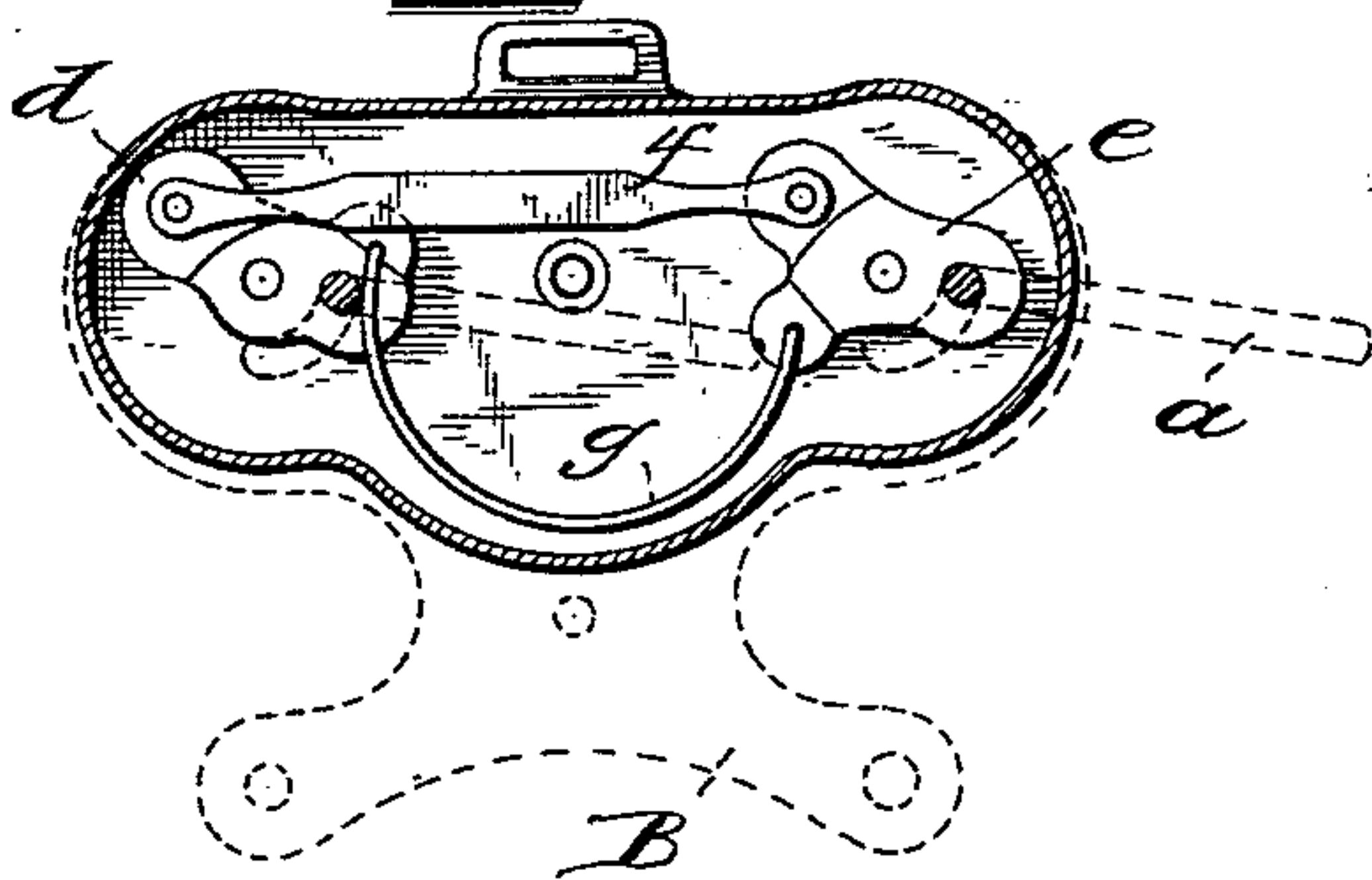
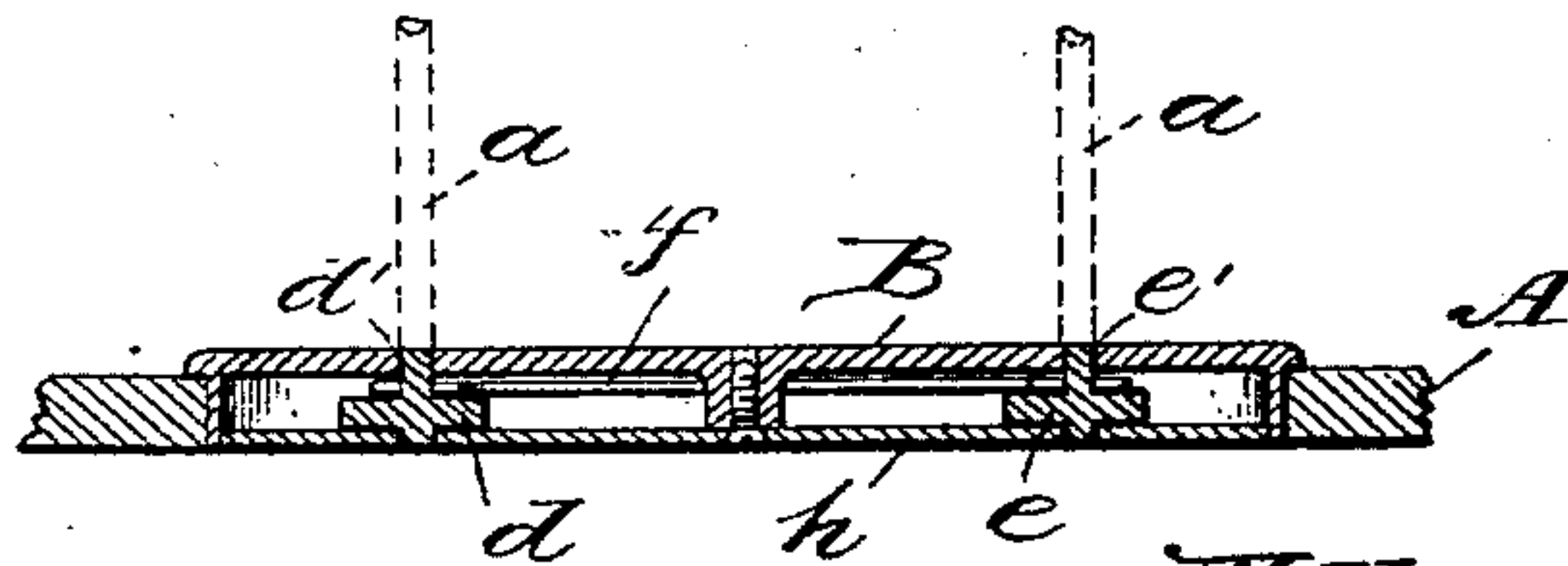


Fig. 4.



Witnesses:

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*G. H. Garnett*

Inventor.

*William H. McMillan,*  
*James A. Ramsey*  
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# UNITED STATES PATENT OFFICE.

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## TEMPORARY FILE.

SPECIFICATION forming part of Letters Patent No. 551,223, dated December 10, 1895.

Application filed May 15, 1895. Serial No. 549,347. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. McMILLAN, a citizen of the United States, residing at Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Temporary Files; and I declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming part of this specification.

My invention relates to a novel construction of that class of temporary files having upright receiving-posts and arched vibrating transfer-wires; and it consists in providing such a file with oscillating operating-levers connected by a throw-bar, whereby the arched wires mounted thereon are adapted to oscillate simultaneously in arcs of circles and in connecting said levers by an arc spring, whereby said arched wires are held firmly either in contact with or away from the upright receiving-posts.

In the drawings, Figure 1 is a perspective view of my improved file showing the device closed. Fig. 2 is a top view of the internal mechanism with the plate removed showing the position of the operating mechanism when the file is closed. Fig. 3 is a similar view showing the position of the operating mechanism when the file is open for the reception or removal of papers. Fig. 4 is a vertical cross-section taken on the line  $xx$  of Fig. 2.

My improved file is preferably constructed as follows: The base B, secured to board A or other object, is cast or struck up hollow in order to receive and retain the operating mechanism, the bottom being provided with a suitable cap  $h$  to protect the internal mechanism and hold it in place. The upright posts  $b$  are preferably rigidly secured to base B, and the top portions of said posts are preferably beveled to permit the arched wires  $a$  coming in contact therewith, thus forming a continuous circuit from front to rear of said base. The arched wires are made to pass through the rear of the base and are rigidly secured to the oscillating operating-levers  $d$  and  $e$  substantially as shown in Figs. 2 and 3, said arched wires projecting upward through and adapted to move in slots  $c$  in arcs of circles. The levers  $d$  and  $e$  are connected by a throw-bar  $f$ , so that when one arched wire is

moved over any portion of slot  $c$  the other arched wire is moved in unison with it. The arc spring  $g$  bearing against levers  $d$  and  $e$  is so adjusted as to hold the arched wires firmly against the upright posts when the file is closed in the position shown in Fig. 2, and when the arched wires are turned in the position shown by Fig. 3 the spring  $g$  holds both arched wires out of contact with the upright posts. The levers  $d$  and  $e$  are secured to base B by suitable bearings  $d'$  and  $e'$ .

The operation of my improved file is as follows: The file being closed as shown in Fig. 1, in order to file a paper the operator takes hold of the top portion of either arched wire, turning it to the right, while the throw-bar connecting the levers imparts motion to the other arched wire and both are thrown open in the same direction simultaneously. The paper is then placed over the upright posts and pressed down to the desired position and the arched wires are given a return movement to close the file. The tension of spring on the levers throws the arched wires to and from the upright posts when the said wires are given a starting movement from their passive position, and holds the file firmly closed or open, as desired. When the file becomes full the papers may be removed and the file refilled as before.

The advantages of this file are in the special construction of the operating mechanism and spring which make it work in the simplest and firmest manner.

I claim—

1. A temporary file having oscillating levers connected by throw-bar and spring, said levers having mounted thereon vertical arched wires whose vertical portions are adapted to move in arcs of circles to bring their free ends into and out of contact with upright posts, substantially as described.

2. In a temporary file the combination of the base B, oscillating operating levers  $d$  and  $e$ , vertical arched wires  $a$ , receiving posts  $b$ , throw-bar  $f$  adapted to move the vertical portions of the arched wires in curved slots  $c$  simultaneously, and spring  $g$  fastened at one end to lever  $d$  and at the other end to lever  $e$  for the purpose specified, substantially as described.

3. The combination, in a temporary file, of

the base B having curved slots *c*, levers *d* and *e*, arched wires *a*, receiving posts *b*, throw-bar *f*, spring *g* and cap *h*, substantially as described.

- 5 4. The combination, in a temporary file, of suitably mounted base B having curved slots *c*, levers *d* and *e*, arched wires *a*, receiving

posts *b*, throw-bar *f* and spring *g*, substantially as described.

WILLIAM H. McMILLAN.

Witnesses:

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JAMES N. RAMSEY.