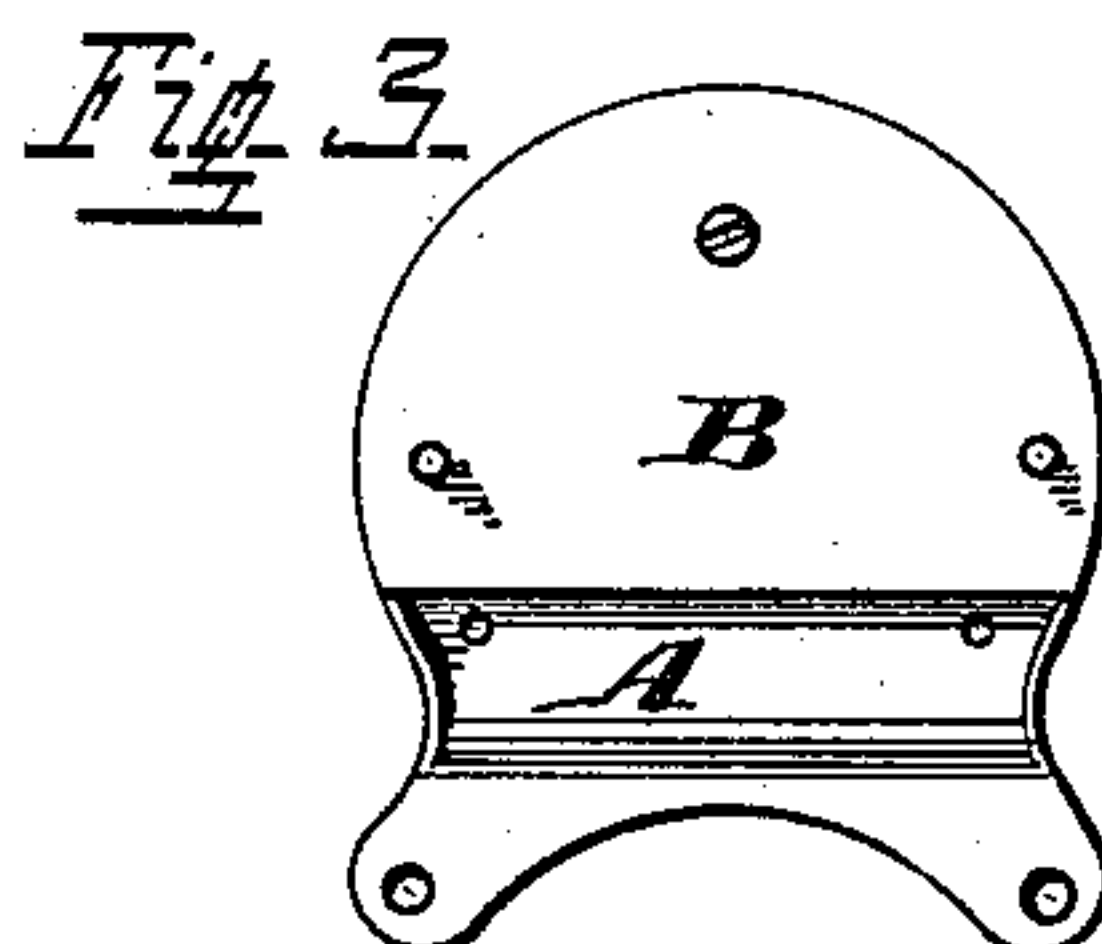
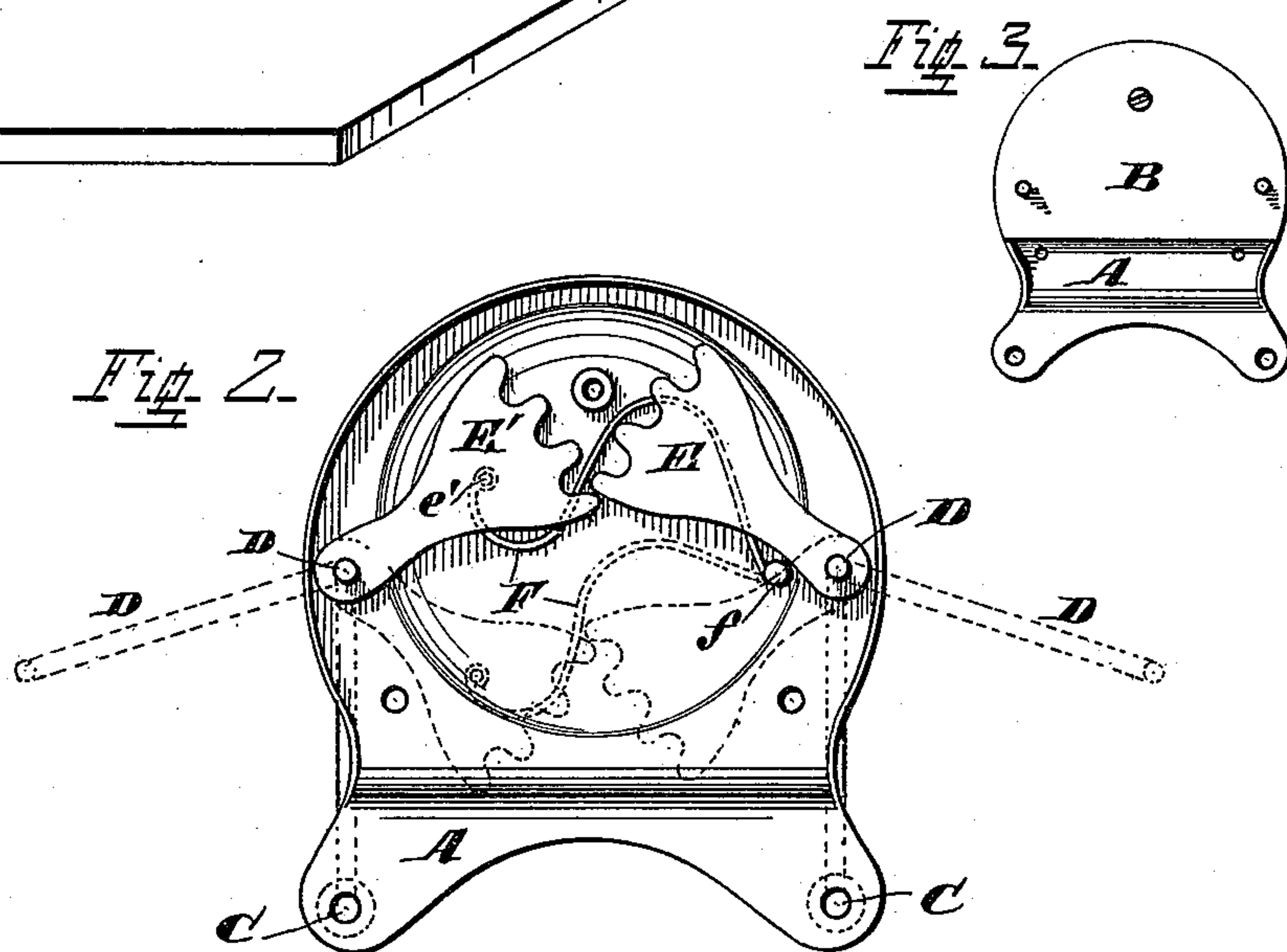
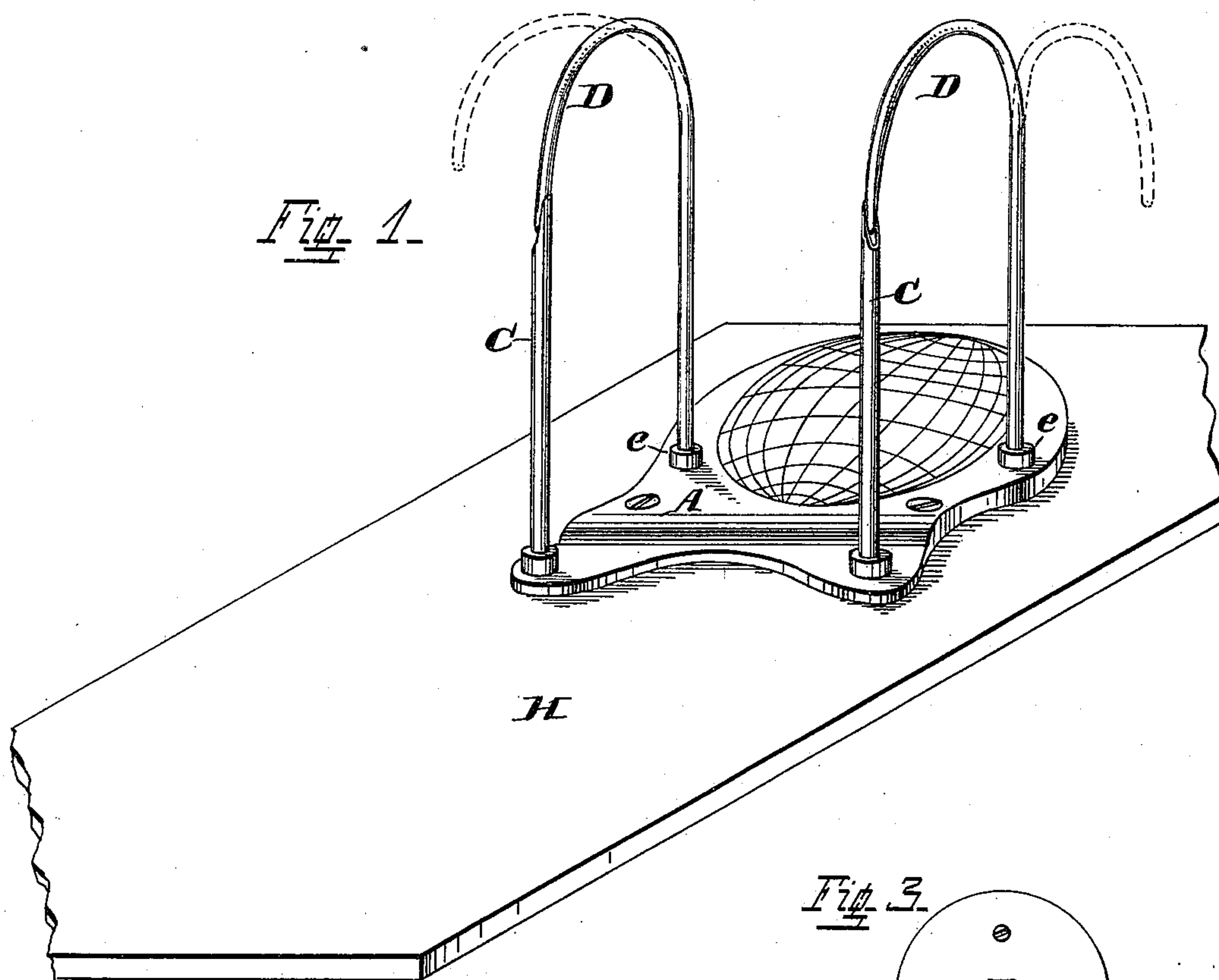


(No Model.)

A. DOM.  
TEMPORARY FILE.

No. 438,574.

Patented Oct. 14, 1890.



Attest  
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# UNITED STATES PATENT OFFICE.

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## TEMPORARY FILE.

SPECIFICATION forming part of Letters Patent No. 438,574, dated October 14, 1890.

Application filed August 27, 1890. Serial No. 363,177. (No model.)

*To all whom it may concern:*

Be it known that I, ALEXANDER DOM, a citizen of the United States, residing at Mount Healthy, Hamilton county, State of Ohio, have  
5 invented certain new and useful Improvements in Temporary Files, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof.

10 My invention consists of a double-arched file for temporarily filing letters or other papers in such a manner as that any one of them will be readily accessible, and also the mechanism for operating same.

15 In the accompanying drawings, Figure 1 is a perspective view of my improved file, the dotted lines indicating the position of the arched wires when thrown outward to permit of a paper being placed on or removed from  
20 the stationary vertical wires. Fig. 2 is a bottom view of the base of the file, the latter being removed from the board or tablet to which it is attached, showing the preferred form of mechanism for retaining the arched wires in  
25 contact with the vertical stationary wires or away from the latter, as desired, the dotted lines indicating the position of the relative parts when the arched wires are thrown outward or opened. Fig. 3 is a bottom view of  
30 the base of the file (on a diminished scale) removed from the tablet, showing the preferred form of plate for covering and protecting the operative mechanism within said base.

My improved temporary file is preferably  
35 constructed as follows: The base A is cast or struck up hollow in order to receive and retain the operating mechanism, the bottom of said base being provided with a suitable lid or cover B to protect the internal mechanism  
40 in shipment. This lid may be dispensed with without departing from my invention, as the base may be connected direct to the tablet without said lid, if so desired. To the front portion of the base A are connected the vertical stationary wires C, the top portion of  
45 said wires being beveled away, as shown, to permit of the arched vibrating wires D coming in contact with said beveled portion of the stationary wires, and thus form a con-

tinuous circuit from front to rear of said base. 50  
The stationary wires C may be either hollow or solid, as desired. The arched vibrating wires D are made to pass through the rear of the base, and are rigidly connected to outer end portions of the toothed segments E and  
55 E', as shown in Fig. 2, said arched wires being retained in said base in a vertical rotatable position by means of said segments and the outer collars e, as shown in Fig. 1.

As shown in Fig. 2, the toothed segments 60 E and E' mesh, the latter having one end of an S-shaped spring F connected thereto, the other end of said spring being connected to a suitable lug, as f, made fast to the inner face of the base. It will be seen that the stud f 65 is almost on a line horizontal with the pivotal points of said segments, and so soon as the point of connection e' on segment E' is brought either above or below said horizontal line the tension of said spring will force said  
70 segments to their extreme limits either forward or backward. This forward and backward tension of the spring when connected to one of the segments, as shown, has the tendency to retain the free ends of the arched  
75 wires D in contact with or away from the stationary wires C, the rear of said wires D being rigidly connected to the said segments as aforescribed, and any rotary motion imparted to said segments impart a correspond-  
80 ing vibratory motion to the outer or free ends of said wires.

Instead of the S-shaped spring, any suitable form of spring or springs may be employed for accomplishing the aforescribed  
85 result.

The operation of my improved temporary file is as follows: To file a paper, the operator takes hold of or puts pressure against the downward portion of one of the arched wires  
90 D, and any outward movement thereof causes a corresponding movement of the other arched wire through the medium of segments E and E', and so soon as the point e' on segment E' has passed a line horizontal with its pivotal  
95 point said wires will be forced and held outward through the resiliency of spring F when the paper is placed over the stationary wires



C. Having placed the paper in position over wires C, the vibrating arched wires are brought back in contact with said wires C by giving the said arched wires an initial impetus, at which time the spring or springs will act to bring said wires together at their meeting ends, as shown in Fig. 1.

The advantages of my improved temporary file are apparent. The mechanism for operating the arched vibrating wires is cheap of manufacture, simple in construction, and reliable in operation. Any desired paper may be removed from the file without removing those subsequently filed. The construction is such that the base can be easily removed from the tablet H, and a number of files compactly nested for shipment.

It is evident that the segments E and E' may be of any desired configuration other than that shown; and, if desired, two complete gears may be employed in place of said segments, the lower extremities of the arched vibrating wires being in this latter case centrally connected to said gears, the construction shown, however, being preferred—viz., the toothed segments.

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

1. In a temporary file provided with stationary vertical wires made fast to the base and arched vibrating wires adapted to meet

the said stationary wires, as set forth, the toothed segments to which the ends of said arched wires are connected, and suitable spring-connection for operating said segments, for the purposes set forth.

2. A temporary file composed of base A, stationary vertical wires C, arched vibrating wires D, connected at one end to the toothed segments E and E', or their equivalents, and a suitable spring-connection for operating the latter, substantially as set forth.

3. In a temporary file provided with double-arched vibrating wires, substantially as set forth, the means herein shown and described for operating said wires, the same consisting of toothed segments E E', and spring F, the latter being connected at one end to one of the segments and at the other end made fast to a stationary point, as *f*, for the purposes set forth.

4. A temporary file having a base A, stationary wires C, and arched vibrating wires D, connected to the toothed segments E and E', spring F, and cover B, all combined substantially as set forth, and suitable means for connecting said base to the tablet.

ALEXANDER DOM.

Witnesses:

R. A. PRICER,  
E. L. IVES.