

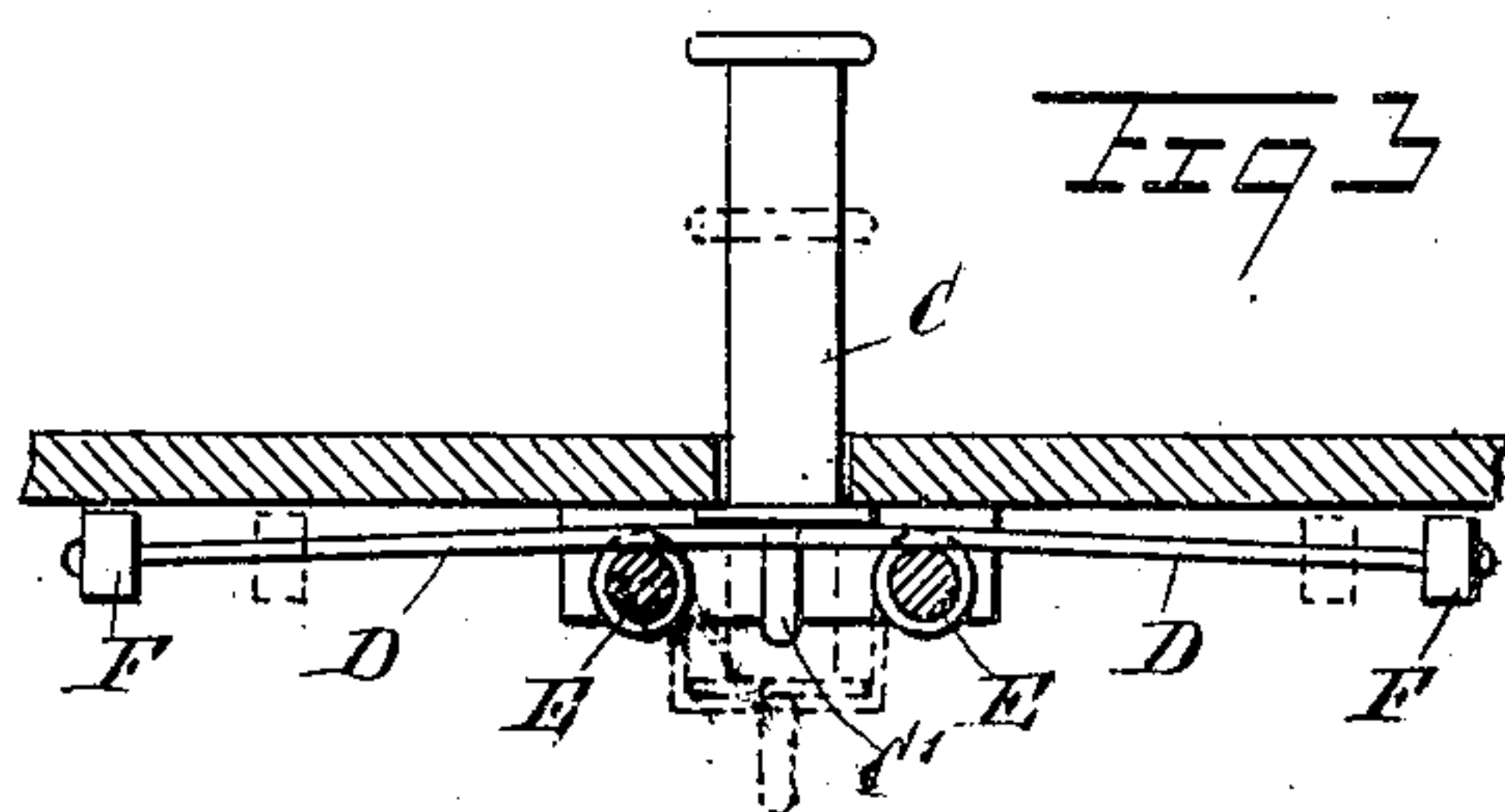
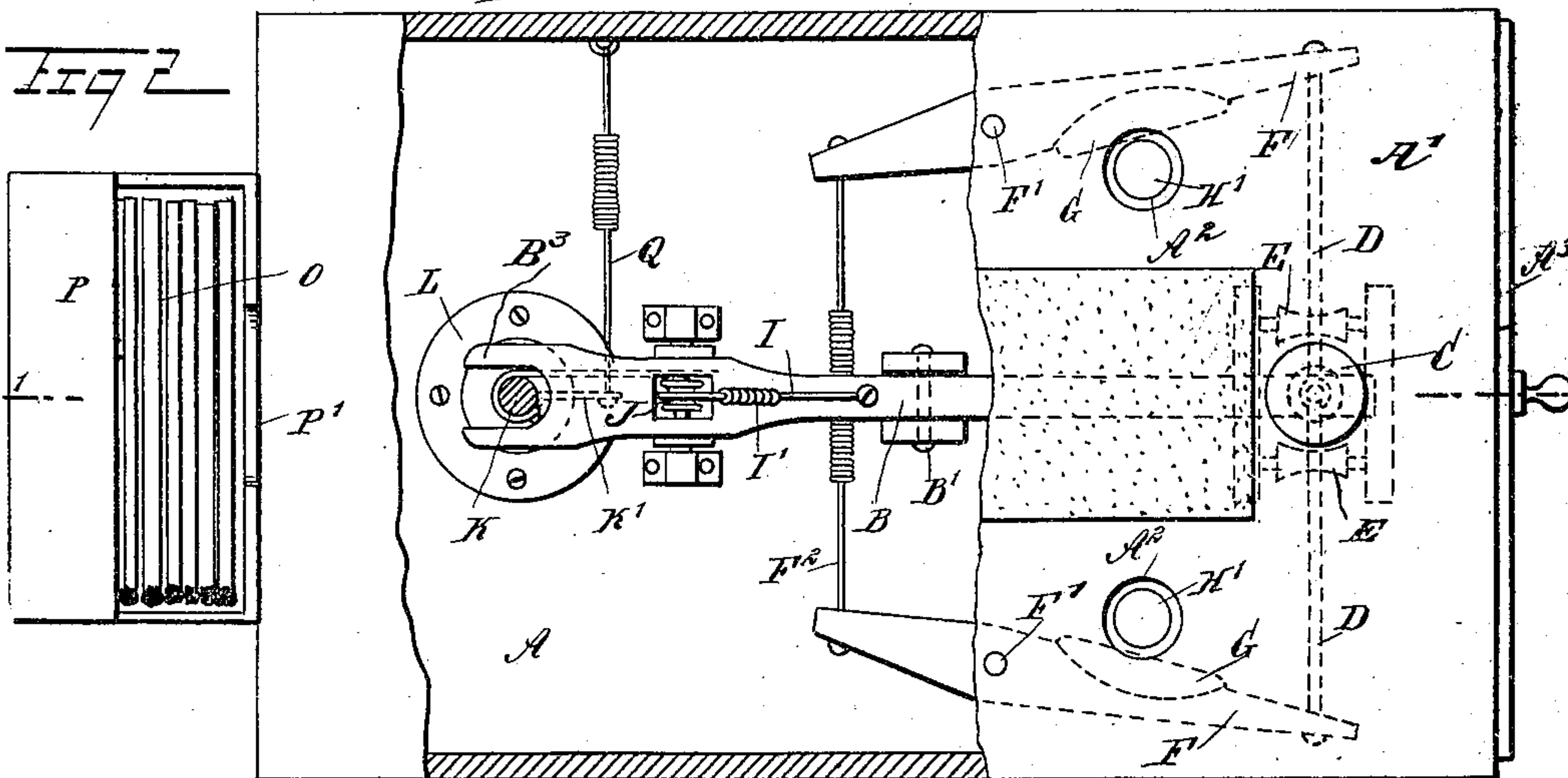
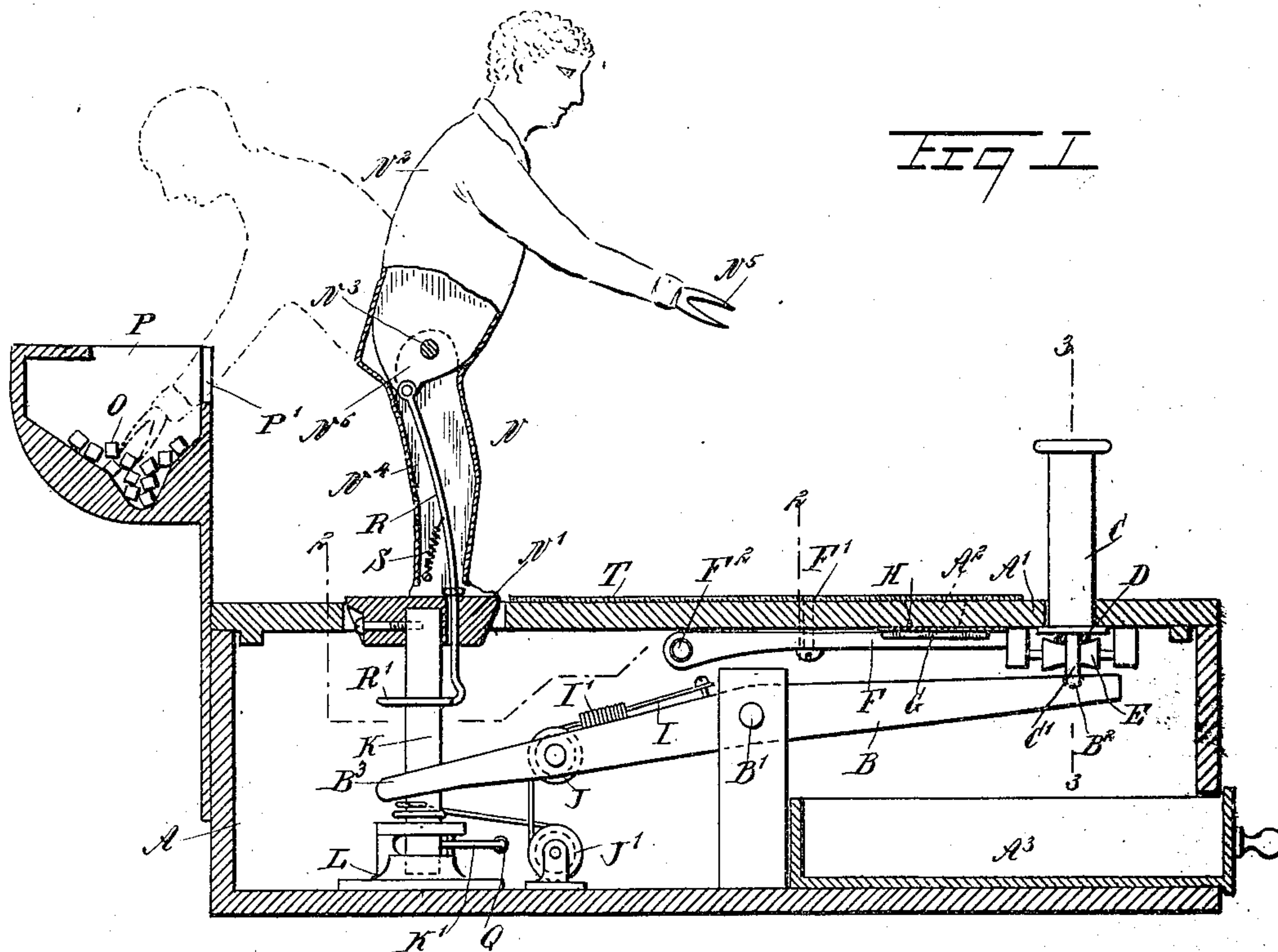
No. 617,732.

Patented Jan. 17, 1899.

A. R. FOSSUM.
CIGAR CUTTER AND MATCH SAFE.

(Application filed May 18, 1898.)

(No Model.)



WITNESSES:

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CIGAR-CUTTER AND MATCH-SAFE.

SPECIFICATION forming part of Letters Patent No. 617,732, dated January 17, 1899.

Application filed May 18, 1898. Serial No. 681,052. (No model.)

To all whom it may concern:

Be it known that I, ANDREW R. FOSSUM, of Cottonwood, in the county of Lyon and State of Minnesota, have invented a new and Improved Cigar-Cutter and Match-Safe, of which the following is a full, clear, and exact description.

The object of the invention is to provide a new and improved combined cigar-cutter and match-safe arranged to properly cut the cigar and deliver a match to the user for conveniently lighting the cigar.

The invention consists of novel features and parts and combinations of the same, as will be described hereinafter and then pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional side elevation of the improvement on the line 1 1 of Fig. 2. Fig. 2 is a sectional plan view of the same on the line 2 2 of Fig. 1, and Fig. 3 is a transverse section of part of the same on the line 3 3 of Fig. 1.

The improved cigar-cutter and match-safe is provided with a suitably-constructed casing or box A, in which is pivoted at B' a longitudinally-extending lever B, formed at its forward end with a socket B², engaged by the lower end of a pin C', held on a rod C, fitted to slide vertically in a bearing in the cover A' of the box, so that the upper end of the said rod is adapted to be engaged and pressed on by the operator.

The under side of the rod C at the pin C' engages one or more bands D, extending transversely and passing over pulleys E, journaled in suitable bearings attached to the under side of the cover A'. The outer ends of the bands D are connected with levers F, fulcrumed at F' on the under side of the cover A', each lever carrying a knife G, operating under a stationary knife-blade H, secured to the under side of the cover A', and formed with openings H', having beveled sides and registering with like openings A², formed in the said cover A' of the box A. The inner or rear ends of the levers F are connected with

each other by a spring F², so as to hold the cutters G at one side of the openings A² to permit of inserting the point end of a cigar through the registering openings A² and H'.

Now when the operator presses the rod C downward then the bands D are carried along and thereby pull the levers F inwardly toward each other to move the knives or cutters G across the openings A², so that the projecting point of the cigar is cut off. When the operator releases the pressure on the rod C, then the levers F, the bands D, and the pulleys E move back to their former position by the action of the spring F².

In the forward end of the box is arranged a drawer A³, located in such a manner that the cut-off tip of the cigar drops into the drawer. The drawer can be withdrawn from time to time to remove the tips.

On the rear end of the lever B is secured a rope or band I, provided with a spring I' and passing over a pulley J, journaled in said lever, to then pass downward and around a pulley J', journaled on the bottom of the box. The rope then extends rearwardly and winds once or twice around a vertically-disposed shaft K, set at its lower end in a suitable step L, attached to the bottom of the box. The upper end of the shaft K supports a figure N, preferably in the form of a man, as indicated in the drawings, and set on a base N', made circular and having bearings in the cover A'. The figure N has the upper part N² fulcrumed at N³ to the lower portion N⁴, and the said upper part is provided with pointed claws N⁵, adapted to engage a match O, held in a box P, so as to pick up the match and carry the same into a forward position, as hereinafter more fully described.

Normally the figure stands in the position shown in Fig. 1, the claws N⁵ pointing to the front, a spring Q holding the shaft K and the figure N in this position, said spring being secured at one end to the side of the box and at its other end to an arm K', extending radially from the lower end of the shaft K. The lower end N⁶ of the part N² projects below the pivot N³ and is pivotally connected with a rod R, extending through the hollow portion N⁴, and fitted to slide in the base N',

said rod terminating at its lower end in a horizontally-disposed foot-piece R', arranged around the shaft K, and adapted to be engaged by the rear forked end B³ of the lever B when the rear end of the latter swings into an uppermost position. A spring S draws on the rod R, so as to hold the same normally in a lowermost position, as indicated in Fig. 1.

When the operator presses on the rod C, as previously described, for cutting off a cigar, then the band or rope I moves upward with the rear end of the lever B, and consequently pulls on the shaft K and gives the latter a half-turn, so that the figure carried by the shaft moves from a forward into a rearward position, the claws N⁵ being over the open top of the box P at the same time the rear end of lever B engages the foot-piece R', so that on a further pressure on the rod C the rod R is pushed upward to impart a swinging motion to the upper part N² of the figure N, so that the claws N⁵ move down into the open box P and engage and pick up one of the matches O contained in said box. The arm carrying the claws N⁵ extends through a cut-out portion P' in the front end of the box P, and when the operator releases the pressure on the rod C then the spring S pulls the rod R backward, back to its former position, so that the part N² swings forwardly and lifts the claws N⁵ and the match held therein out of the box P, and as the rear end of the lever swings forward the spring Q returns the shaft K to its former position, so that the figure N moves into a forward position, the match being carried in the claws N⁵. The operator now having cut off the end of the cigar can readily take hold of the match and light the same on a roughened surface T, secured to or formed on the top of the cover A'.

It will be seen that by the arrangement described the figure N is given a half-turn and then swung downward at its upper portion to pick up a match, and when the rod C is released the figure returns to its former position, carrying the match to the front part of the box, so as to be within convenient reach of the operator standing in front of the box.

The device is very simple and durable in construction, can be readily manipulated, and the pressure of the rod C actuates the several parts in such a manner that the cigar introduced into one of the openings A² is cut off and at the same time a match is picked up by the figure and delivered at the front part of the box, as before explained.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. A cigar-cutter and match-safe comprising a manually-operated lever, a cutter adapted to be actuated from the lever and a match-picker mounted to turn and also arranged to be swung into an inclined position to pick up

a match, the movement of the said lever serving to turn the picker and also to swing the same, substantially as shown and described.

2. A match-safe comprising a manually-operated lever, and a match-picker adapted to be rotated by said lever and part of it being arranged to be swung into an inclined position to pick up a match, substantially as shown and described.

3. A match-safe comprising a manually-operated lever, a rope carried by one end of said lever and passing over pulleys, one of which is carried by the lever and the other journaled in a fixed bearing, a shaft on which winds said rope, and a figure carried by said shaft, and provided with claws for picking up and delivering a match, substantially as shown and described.

4. A match-safe comprising a manually-operated lever, a rope carried by one end of said lever and passing over pulleys, one of which is carried by the lever and the other journaled in a fixed bearing, a shaft on which winds said rope, a figure carried by said shaft and provided with claws for picking up and delivering a match, the claw-carrying portion of the figure being pivoted, and a rod engaging said pivoted part of the figure, and adapted to be engaged by said lever, to impart a swinging motion to the pivoted part, substantially as shown and described.

5. A match-safe comprising a manually-operated lever, a rope carried by one end of said lever and passing over pulleys, one of which is carried by the lever and the other journaled in a fixed bearing, a shaft on which winds said rope, a figure carried by said shaft and provided with claws for picking up and delivering the match, the claw-carrying portion of the figure being pivoted, a rod engaging said pivoted part of the figure, and adapted to be engaged by said lever, to impart a swinging motion to the pivoted part, and a spring for returning the shaft to its normal position, as set forth.

6. A cigar-cutter comprising a rod fitted to slide, a band engaged by said rod and passing over pulleys, a spring-pressed lever engaged by said band, a cutter carried by said lever, and a fixed plate having an aperture formed with beveled sides to form a knife and over which operates said cutter, substantially as shown and described.

7. A match-safe comprising a lever, a shaft mounted to rotate and actuated from the said lever and a match-picker carried by the said shaft and adapted to turn therewith, a part of said picker being arranged to be swung into an inclined position to pick up a match, and means actuated by the lever for swinging the said part of the picker, substantially as shown and described.

8. A match-safe comprising a casing, a receptacle for matches, a lever pivoted in said casing, a shaft mounted to turn, a figure car-

ried by the said shaft, the upper part of said figure being pivoted and provided with means for picking up a match, mechanism operated by the lever for giving the shaft a half-turn
5 to cause the figure to move from a forward into a rearward position, and means also operated from the said lever for imparting a

swinging motion to the upper part of said figure, substantially as set forth.

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Witnesses:

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