

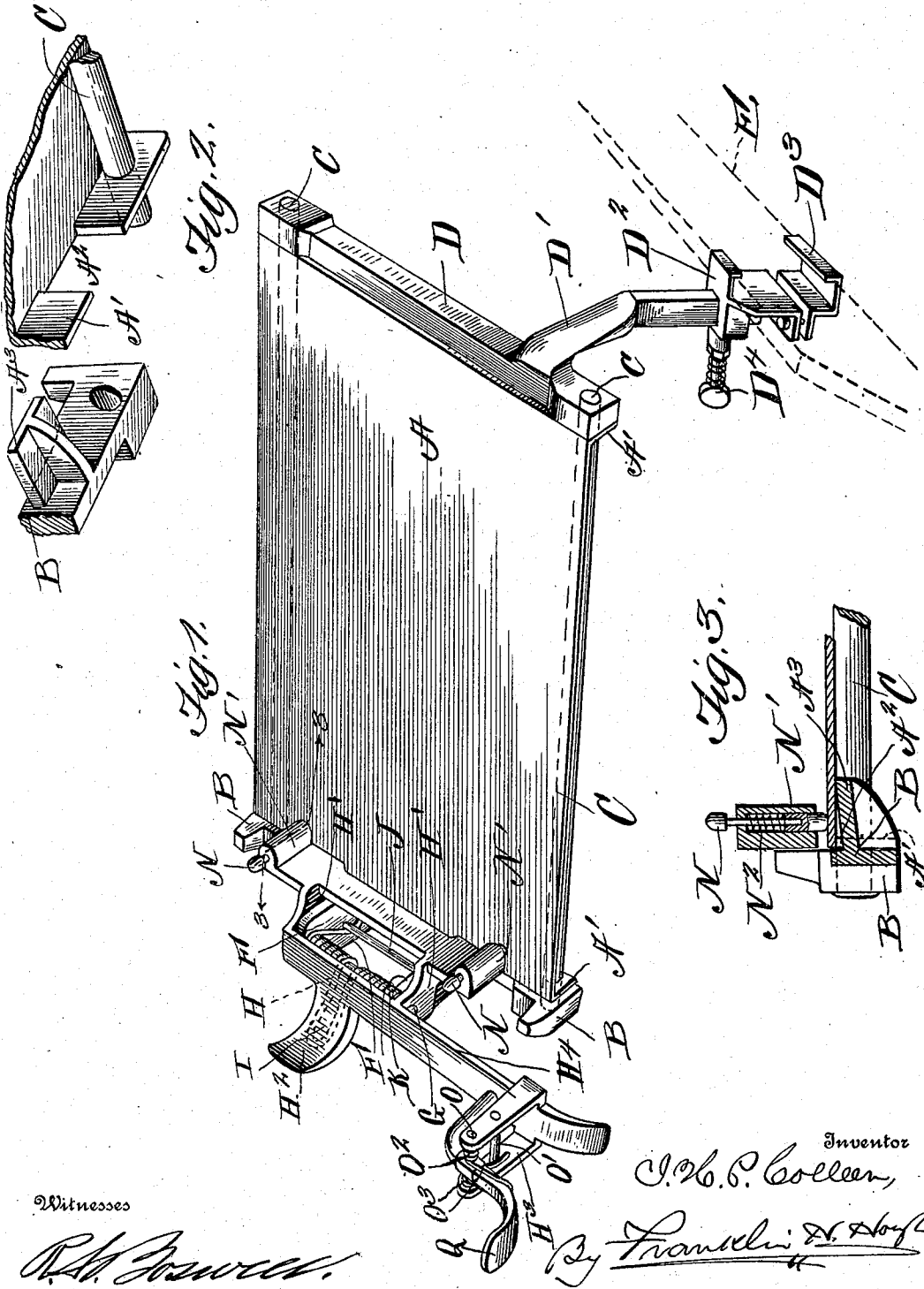
I. H. P. COLLEEN.
BILL HOLDER.

APPLICATION FILED JAN. 28, 1908. RENEWED MAR. 24, 1909.

941,559.

Patented Nov. 30, 1909.

3 SHEETS—SHEET 1.



Witnesses

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BILL HOLDER.

Patented Nov. 30, 1909.

3 SHEETS--SHEET 2.

Fig. 4. A perspective view of the machine in an open position. The handle (1) is shown in a raised position, connected to a frame (2) by a hinge (3). The frame (2) is supported by a base (4) and a vertical post (5). The handle (1) has a grip (6) and a trigger (7). The frame (2) has a spring (8) and a latch (9). The base (4) has a foot (10) and a handle (11). The vertical post (5) has a handle (12) and a foot (13). The machine is labeled with various letters and numbers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

Witnesses

R. Brown,
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Fig. 5.

A detailed technical drawing of a mechanical device, likely a pump or valve mechanism. The diagram shows a vertical rod (A) passing through a horizontal plate (J). On the left, a curved lever arm (H²) is pivoted at point I¹³. A piston-like component (T') is mounted on the rod, with a seal or gasket (I) around its base. A spring (G) is shown coiled around the rod. The right side shows a threaded section (F') leading to a cap or nut (H²). Various other parts are labeled with letters like T' H, A⁵, and A⁶.

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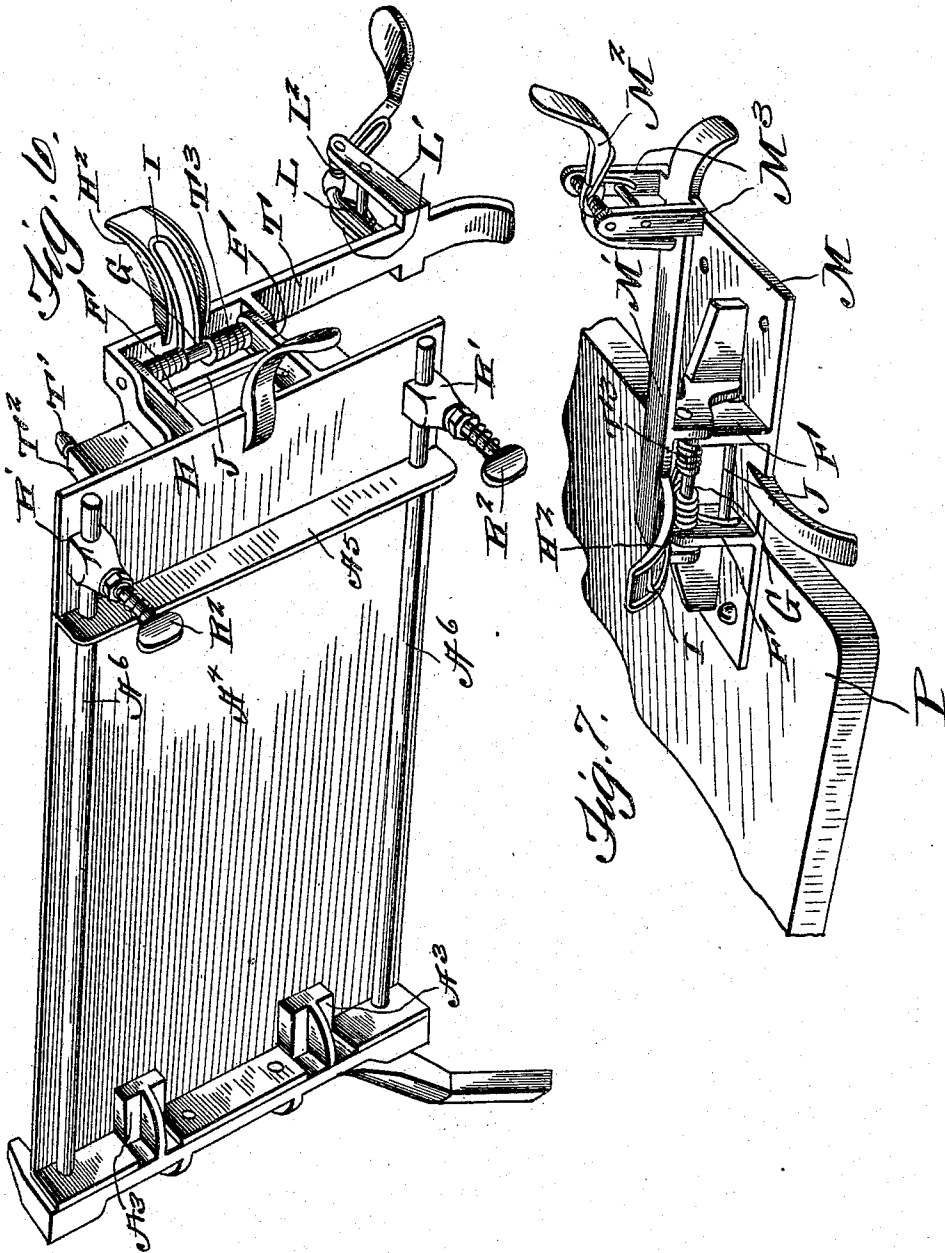
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3 SHEETS—SHEET 3.



Witnesses

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UNITED STATES PATENT OFFICE.

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BILL-HOLDER.

941,559.

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To all whom it may concern:

Be it known that I, IVAR H. P. COLLEEN, a subject of the King of Sweden, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Bill-Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in bill holders for use in connection with typewriters and comprises various details of construction and combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

My invention is illustrated in the accompanying drawings, in which:—

Figure 1 is a perspective view showing my bill holder as secured to the frame of a typewriter. Fig. 2 is a detailed perspective view showing a portion of the rear of the form illustrated in Fig. 1. Fig. 3 is a sectional view on line 3—3 of Fig. 1. Fig. 4 is a perspective view showing a slight modification of the bill holder. Fig. 5 is a sectional view on line 5—5 of Fig. 4. Fig. 6 is a perspective view of the modified form illustrated in Fig. 4, and Fig. 7 is a detailed perspective view showing the bill holder fastened directly to the table.

Reference now being had to the details of the drawings by letter, A designates a copy holding plate having angled ends A', a detail perspective view of said ends being shown in Fig. 2 of the drawings, in which, it will be noted, a recess A² is formed for the reception of a lug A³ projecting laterally from the casting B. Rods C pass through apertures in said flanges A' and are fastened at their ends to the two castings B and D, the latter of which has an integral shank portion D' designed to be held by the clamps D² and D³ to the frame E of a typewriter, a suitable clamping screw D⁴

being provided for holding the shank D' fixed to the clamping member D². Rising from the casting B are the two integral arms F carrying a pivot pin G, upon which a clamping jaw H is pivotally mounted, said jaw having two arms, designated in the drawings by letter H', and which arms receive the pivotal ends of the pin G. A second pin, designated by letter J, passes through the arms F', and K designates a coiled spring wound upon the pin G and having a loop, designated in the drawings by letter I and shown in Fig. 1 in dotted lines and full lines in Fig. 5. Said loop I bears yieldingly against the laterally projecting finger lug H² of said jaw and serves to normally hold the jaw at its farthest forward throw or against the upper face of the plate A. The ends of said spring engage underneath the pin J, as shown clearly in the drawings, and by this arrangement, it will be observed that, when the jaw is tilted back against the loop of the spring, the latter will be put under tension.

Spring-pressed push buttons, designated by letter N, are mounted in the bosses N' of the clamping jaw H, a detail sectional view of one of said pins being shown in Fig. 3 of the drawings. Each of said bosses N' is recessed to receive a spring N² which bears between a shoulder upon the pin and the end of the recess, the office of which spring is to normally hold the pin at its farthest outward throw. These press buttons or pins are provided to engage and hold the copy upon the plate.

Projecting from an extension H⁴ of the jaw H are the arms H³ forming a yoke, which arms support a pin O, upon which a clamping jaw Q is pivotally mounted. A second pin O' is mounted in said arms H³ and a coiled spring O² is mounted upon the pin O and has a loop similarly as described with reference to Fig. 5, and which loop bears against the handle end of the jaw Q to normally hold the end of said jaw Q against the extension H⁴, while the ends of the spring O² engage over the pin O'.

Referring to Figs. 4 and 5 of the drawings will be seen the bill holder as detachably

held upon a copy holder and, in which figures, A⁴ designates the usual copy holding plate with a flanged end A⁵, which is apertured to receive the rods A⁶, and R designates a plate which has integral bosses R' projecting from the under face thereof, which bosses are apertured to receive the rods A⁶ upon which the bosses are adjustably held by means of a screw R². In said modifications, illustrated in Figs. 4 and 5 of the drawings, the usual jaw, designated by letter T, is similar in construction to the one illustrated in Fig. 1 and is shown as attached to a separate plate R instead of to the plate shown in Fig. 1 and designated by letter A. In Figs. 4 and 5, the spring-actuated push buttons T' are shown as mounted in the bosses T² and a spring T³ serves to hold the clamping edge of the jaw T against the face of the plate R. A second clamping jaw L is mounted upon the integral arms L' of an extension of the jaw T and a spring L² serves to normally hold the clamping end of the jaw L in the face of the extension of the jaw T. By this modified form, it will be noted that the plate R carrying the clamping means may be held in contact with the end of a copy holding plate or it may be held at a distance therefrom upon the rods, thereby adapting the device for copy sheets of different sizes.

In Fig. 7 of the drawings, I have shown my improved bill holder as applied to a table P independent of the copy holding frame shown in the other views of the drawings and, in said modification illustrated in Fig. 7, the plate, designated by letter M, has the usual spring-actuated clamping jaw M' and the supplementary clamping jaw M² mounted upon the arms M³ of an integral projecting portion of the jaw M'.

From the foregoing, it will be noted that, by the provision of a bill holder as shown and described, a simple and efficient means is afforded whereby a bill may be securely held upon the holder and, by the utilization of the supplementary clamping jaw, the leaves of the copy may be held turned back out of the vision of an operator sitting in front of the holder. By the modified form showing the extension, a form of the holder is illustrated whereby bills of larger size than ordinary ones may be held in convenient position to be seen by the operator sitting in front of the copy.

What I claim to be new is:—

1. A bill holder comprising a frame having a laterally projecting plate, a spring-pressed clamping jaw mounted thereon having an extension upon the shank portion thereof, spring-actuated pins mounted upon said jaw adapted to contact with the face of said plate, a clamping member mounted upon said extension of the jaw, as set forth.

2. A bill holder comprising a plate having angled ends having openings therein, means for supporting said plate, castings secured to the angled ends of said plate, one of said castings having laterally extending lugs passing through said openings in one of the angled ends of the plate, integral arms projecting from the casting having said laterally projecting lugs, a spring-pressed clamping jaw mounted upon said arms, spring-pressed pins carried by said jaw, the shank portion of said jaw having an extension, and a clamping member mounted upon said extension, as set forth.

3. A bill holder comprising a plate having angled ends which have openings therein, means for supporting said plate, castings secured to the angled ends of said plate, one of said castings having laterally extending lugs passing through said openings in one of the angled ends of the plate, integral arms projecting from the casting having said laterally projecting lugs, a spring-pressed clamping jaw mounted upon said arms, spring-pressed pins carried by said jaw, the shank portion of said jaw having an extension, integral lugs projecting from said extension at right angles thereto, a pin carried by the lugs of said extension, and a spring-pressed clamping member mounted upon said pin, as set forth.

4. A bill holder comprising a plate having flanged ends, one of which flanges is recessed, castings secured to said flanges, said casting and flanges having registering apertures, one of said castings provided with an integral shank supporting arm, lugs projecting from the other casting and extending through said recesses, rods passing through said registering apertures in said flanges and castings, the casting having said lugs being provided with integral arms spaced apart, a pin carried by said arms, a jaw pivotally mounted upon said pin and provided with an extension upon the shank portion thereof, a spring adapted to bear against an integral portion of said jaw, a spring-pressed pin carried by the jaw, and a clamping member mounted upon said extension of the jaw, as set forth.

5. A bill holder comprising a plate having flanged ends, one of which flanges is recessed, castings secured to said flanges, said flanged ends and castings having registering apertures, one of said castings provided with an integral shank supporting arm, lugs projecting from the other casting and extending through said recesses, rods passing through registering apertures in said flanges and castings, the casting having said lugs being provided with integral arms spaced apart, a pin carried by said arms, a jaw pivotally mounted upon said pin, a spring adapted to bear against an integral portion

of said jaw, a spring-pressed pin carried by
the jaw, said jaw having an extension, the
outer end of which is downwardly curved,
arms projecting from said extension, a pin
5 carried by the arms of the extension, and a
spring-actuated clamping member mounted
upon the arms of the extension, as set forth.

In testimony whereof I hereunto affix my
signature in the presence of two witnesses.

IVAR H. P. COLLEEN.

Witnesses:

HUBERT F. KELLY,
GEORGE LOADER.