

No. 704,119.

Patented July 8, 1902.

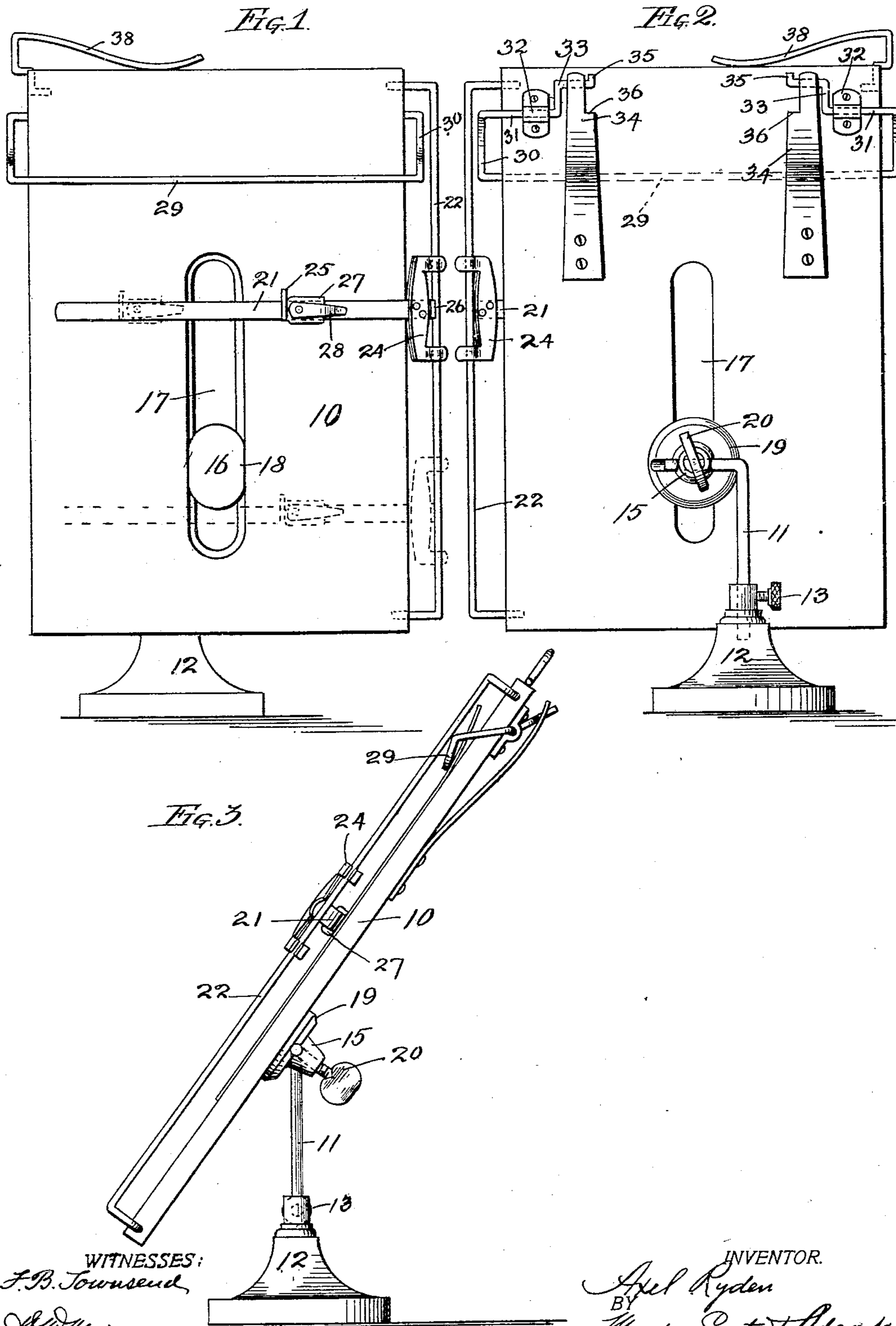
A. RYDEN.

COPY HOLDER FOR TYPE WRITERS' USE.

(Application filed Sept. 14, 1901.)

(No Model.)

2 Sheets—Sheet 1.



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Fig. A.

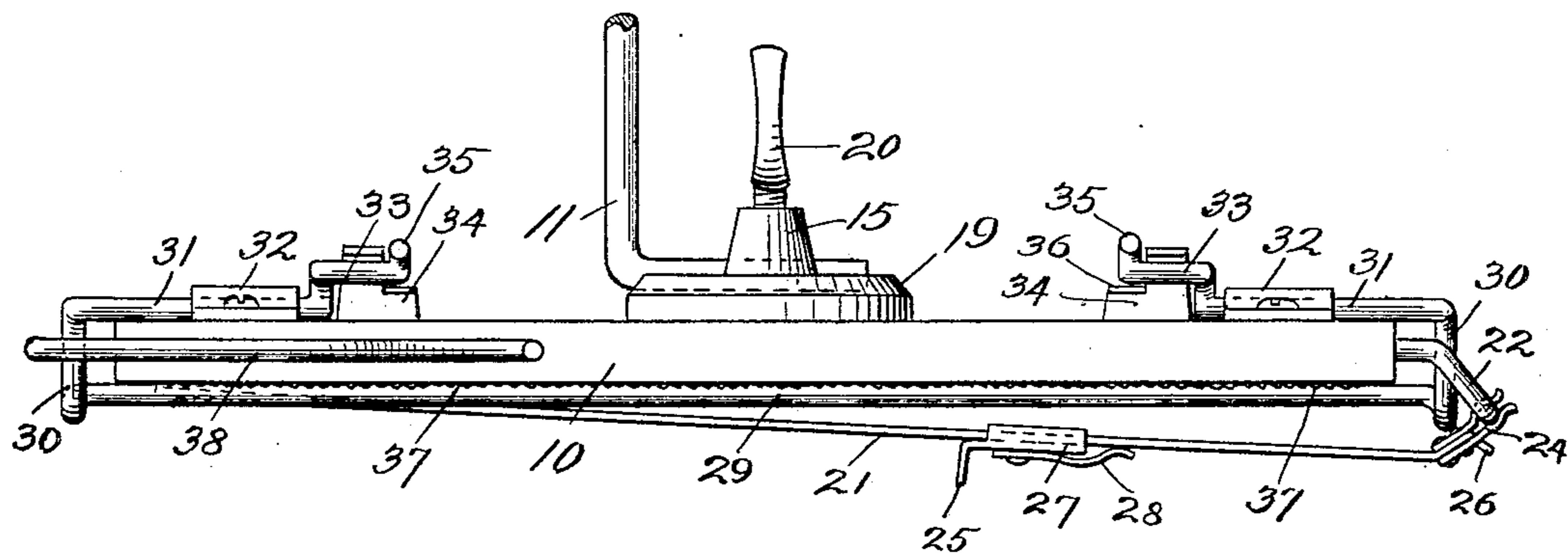


Fig. 5.

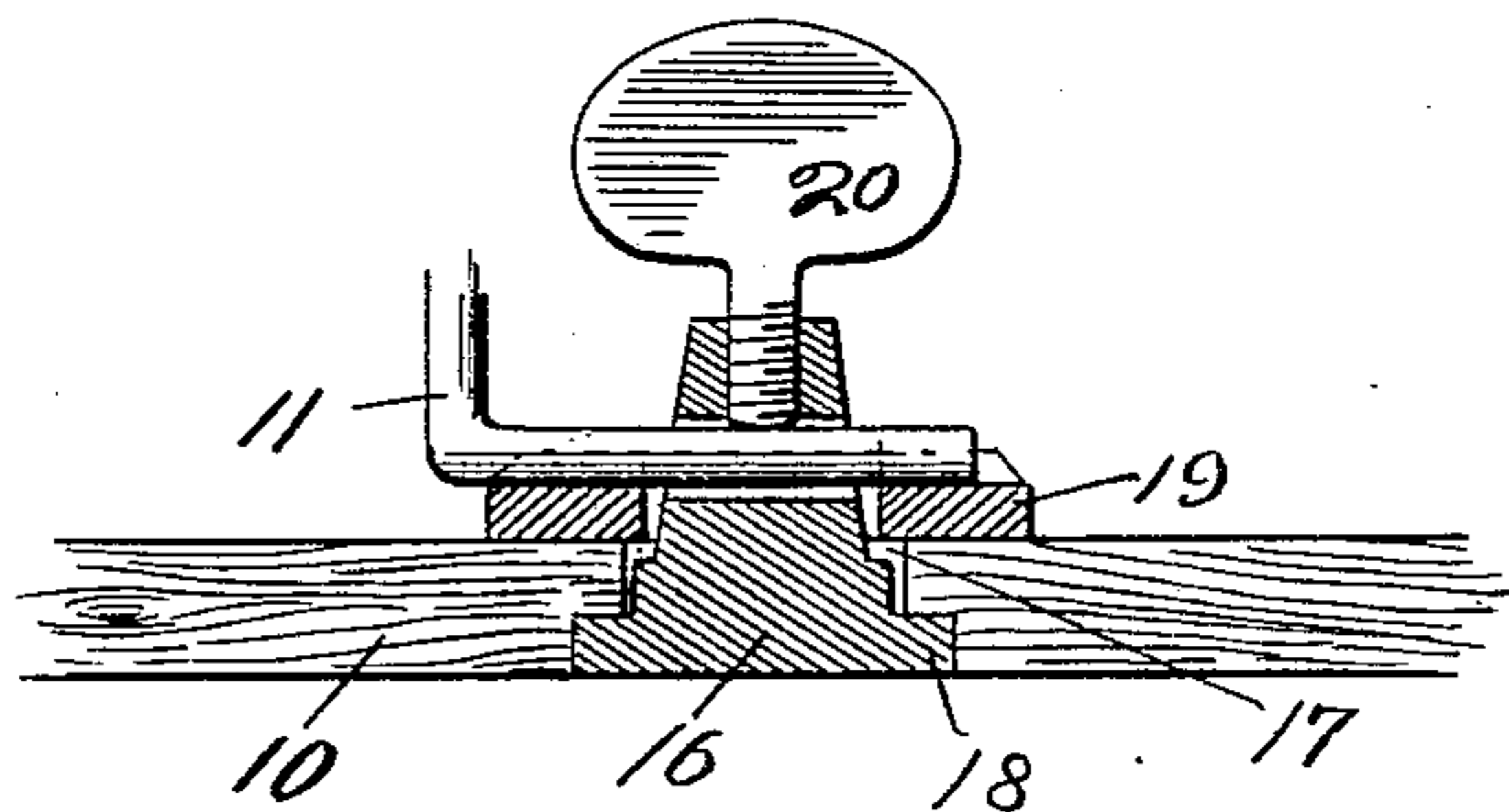
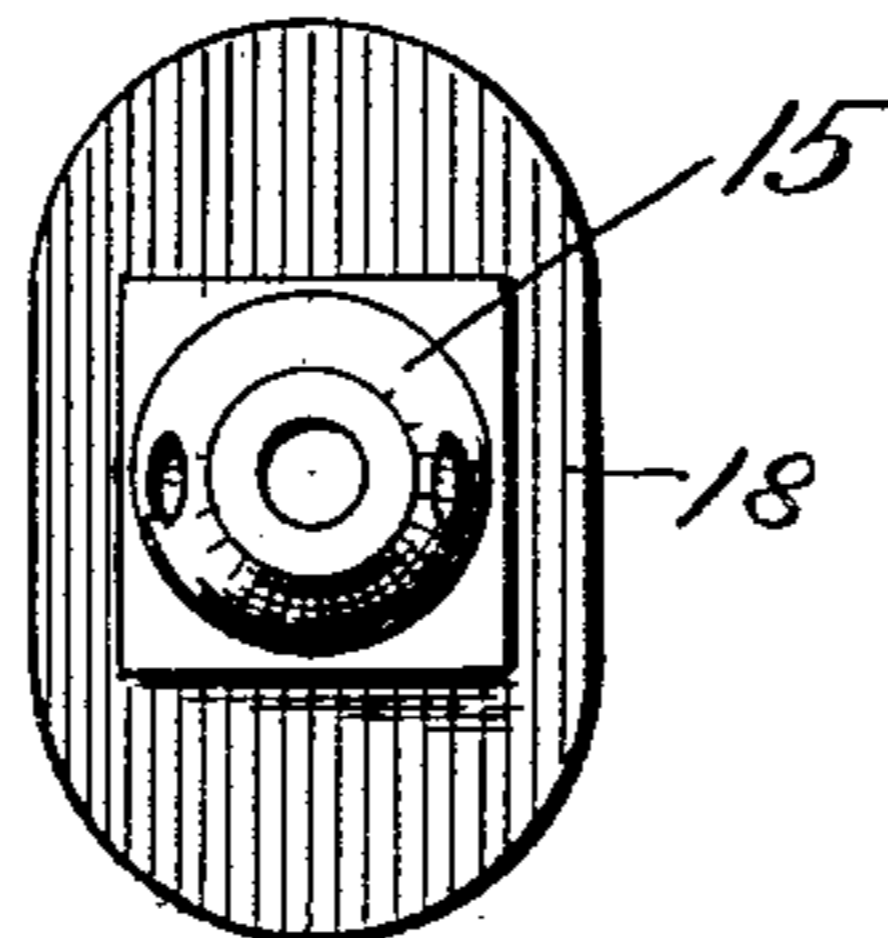


Fig. 6.



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UNITED STATES PATENT OFFICE.

AXEL RYDEN, OF CHICAGO, ILLINOIS, ASSIGNOR TO CHICAGO WRITING MACHINE COMPANY, OF CHICAGO, ILLINOIS, A CORPORATION OF ILLINOIS.

COPY-HOLDER FOR TYPE-WRITERS' USE.

SPECIFICATION forming part of Letters Patent No. 704,119, dated July 8, 1902.

Application filed September 14, 1901. Serial No. 75,393. (No model.)

To all whom it may concern:

Be it known that I, AXEL RYDEN, a citizen of the United States, residing in Chicago, in the county of Cook and State of Illinois, have
5 invented a new and useful Improvement in Copy-Holders for Type-Writers' Use, of which the following is a specification.

This invention is an improvement in copy-holders for type-writers' use and is intended
10 to provide a cheap, durable, and very convenient holder which is better than the holders heretofore used.

The invention consists in the novel features hereinafter set forth, and pointed out in the
15 claims.

In the accompanying drawings, Figures 1, 2, and 3 are front, rear, and side elevations, respectively, of my invention. Fig. 4 is a
20 plan view, and Figs. 5 and 6 are details of the adjustable slide for regulating the inclination of the holder.

In said drawings, 10 represents the plate or board upon which the copy is placed and which is supported at any desired inclination
25 from the vertical in any suitable way—as, for instance, by the rod 11 having its lower end adjustably supported in a base or standard 12 and in which it may be secured by a set-screw 13. At its upper end the rod is bent
30 at right angles, and the bent portion is passed through a horizontal opening in the back or conical part 15 of the supporting-block 16. This block is movable up and down in the slot 17, formed in the body of the holder or
35 plate 10 and is confined in the slot by its flange 18 on the front side and by the washer 19 on the other side, such washer surrounding the conical back portion 15 of the block and overlapping the plate, as shown. The
40 washer is held in position on the block by the bent portion of the rod, and a set-screw 20 prevents the said bent portion from slipping out of the block and causes such pressure on the washer as may be necessary to
45 hold the block in its adjusted position. Said bent portion of the rod is, however, readily releasable from the set-screw to permit changes in the position of the block. The opening in the block through which the bent end of the
50 rod passes is elongated to permit the bent

end to exert pressure on the washer, as will be understood from Fig. 5.

The line-indicator is shown at 21, and it is supported on a wire 22 by spring-clips attached to a head 24, riveted to the indicator. 55 The clips are located one above and the other below the plane of the indicator, so that the horizontality of the latter will be maintained. The wire is bent at right angles at both ends, and such ends are inserted in one of the ver- 60 tical edges of the plate 10 near the top and bottom of the latter. The spring-clips are detachable, as will be understood from Figs. 3 and 4, and they are also readily slidable up and down on the supporting-wire, so that the 65 operator can move it down line by line as the writing progresses, if he so desires. It is also readily turned on the wire, so as to carry it out of the way when inserting or removing the copy, and the projecting lip 26 will be found 70 convenient in swinging it out of the way.

When the operator stops writing before completing the work in hand, the indicator may serve to point out the line at which he had arrived at the time of stopping; but I 75 have conceived that it would be convenient to also provide the indicator with means for pointing out the word at which the writing stopped. For this purpose I apply to the line-indicator a word-indicator 25. It is at- 80 tached to the slide 27, movable along indicator 21 and frictionally held in any position thereon by spring 28. By means of this device, which can be positioned instantly at any word in the line, the operator is enabled 85 without making any marks on the copy to know the word at which he should resume writing without comparing the copy with the work previously done to find out where he should begin. 90

The copy is held on plate 10 by a spring-actuated presser 29, consisting of a wire extending across the plate and having several bends formed in its ends. The first bend forms the supporting-arms 30, the second 95 bend forms the pivots 31, which are confined in bearings 32, and the third and fourth bends form the crank-arms 33, which are acted upon by flat springs 34. The springs act to hold the presser down on the copy; but they yield 100

when the presser is lifted from the copy sufficiently to permit the arms 30 to assume a position at right angles to the surface of the holder or plate 10. This change of position carries the turned-out points 35 of the cranks 33 against the shoulder 36 of the springs, which thus limit the movement. The spring holds the presser in its raised position and necessitates the application of some force when it is to be lowered to its acting position. The presser is serrated on the surface which comes against the copy, as seen at 37 in Fig. 4, whereby it is better adapted to hold the copy against accidental changes in position.

A spring 38, secured at the upper corner of the holder and bearing on the top edge thereof, is employed to hold leaves of the copy which have been copied and turned back.

I claim—

1. The combination with the slotted plate or holder 10, of the block adjustable in the slot of the plate and a standard for the holder having a rod hinged to the block, substantially as specified.

2. The combination with the slotted plate or holder 10, of the block adjustable in the slot of the plate, and having a rear projecting portion receiving the bent end of the rod 11 of the holder-standard, the standard, and the rod having its end bent and inserted in the block, substantially as specified.

3. The combination with the slotted plate or holder 10, of the block adjustable in the slot of the plate and having a rear projection with an elongated slot receiving the bent end of the rod, a washer encircling said projec-

tion, a rod having its bent end inserted in the slot of the block, and a pressure-creating device bearing on said bent end, substantially as specified.

4. In a copy-holder, the combination with the slotted plate, of a supporting-block adjustable in the slot of the plate and having a rear projection, and also a front flange bearing on the plate, a washer loosely encircling said projection and bearing on the plate, a rod 11 for retaining the washer on the projection, and a screw for tightening the washer, substantially as specified.

5. In a copy-holder, a copy-holding plate and a supporting-block adjustably attached to the plate, in combination with a standard having a rod the upper end of which is bent to a horizontal position and passes through an opening in the block, and a set-screw creating friction upon said horizontal part of the rod, substantially as specified.

6. The presser 29 for holding the copy, having its ends bent to form pivots and crank-arms as set forth and combined with clips for the pivots and springs for holding the presser both in its acting and in its raised position, substantially as specified.

7. The combination with a copy-holder of a spring 38 located at the top of the holder and having its free end resting on a stationary part thereof, substantially as specified.

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Witnesses:

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