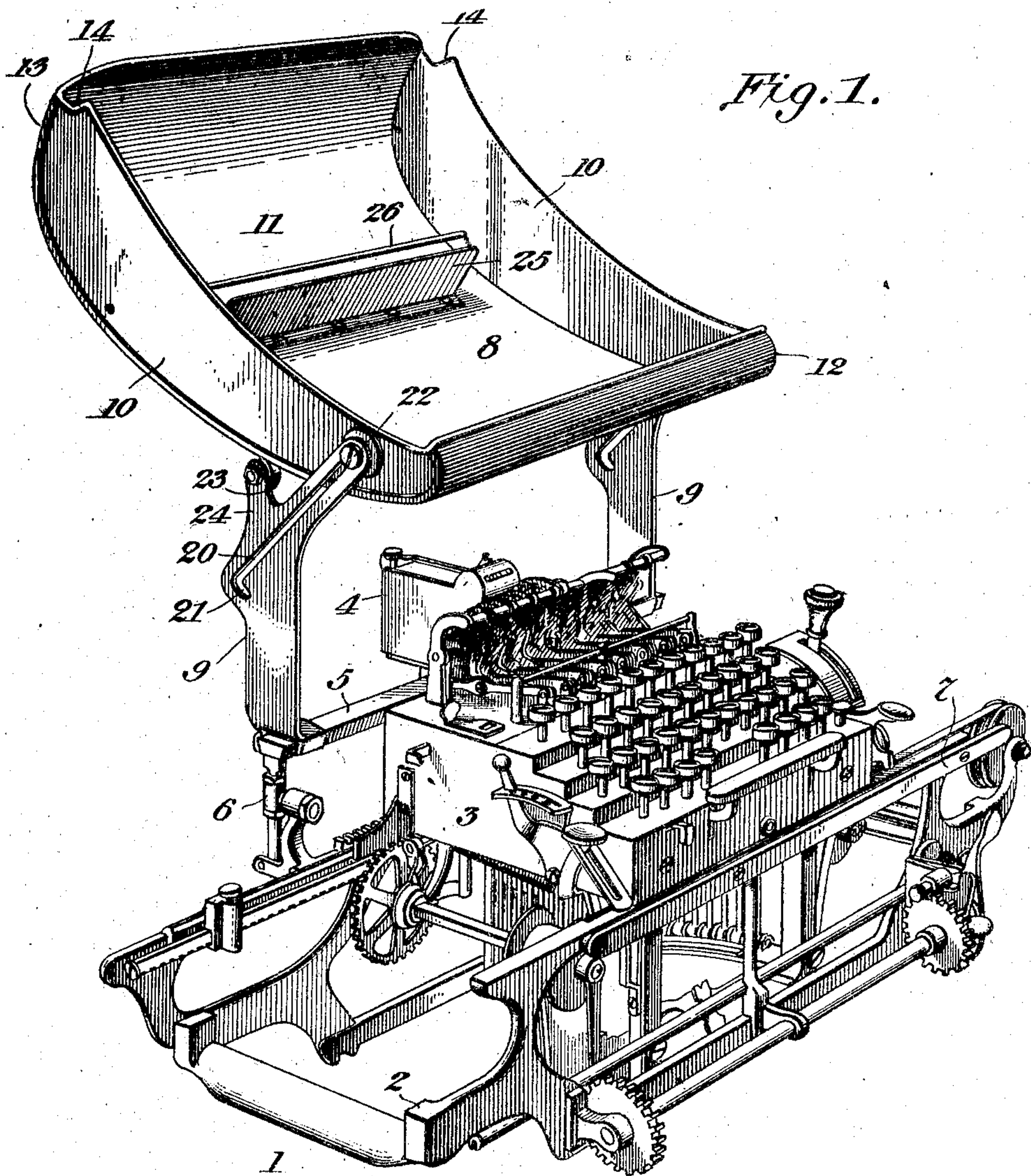


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COMBINED TYPE WRITER COVER AND COPY HOLDER.  
APPLICATION FILED NOV. 23, 1908.

999,539.

Patented Aug. 1, 1911.

3 SHEETS-SHEET 1.



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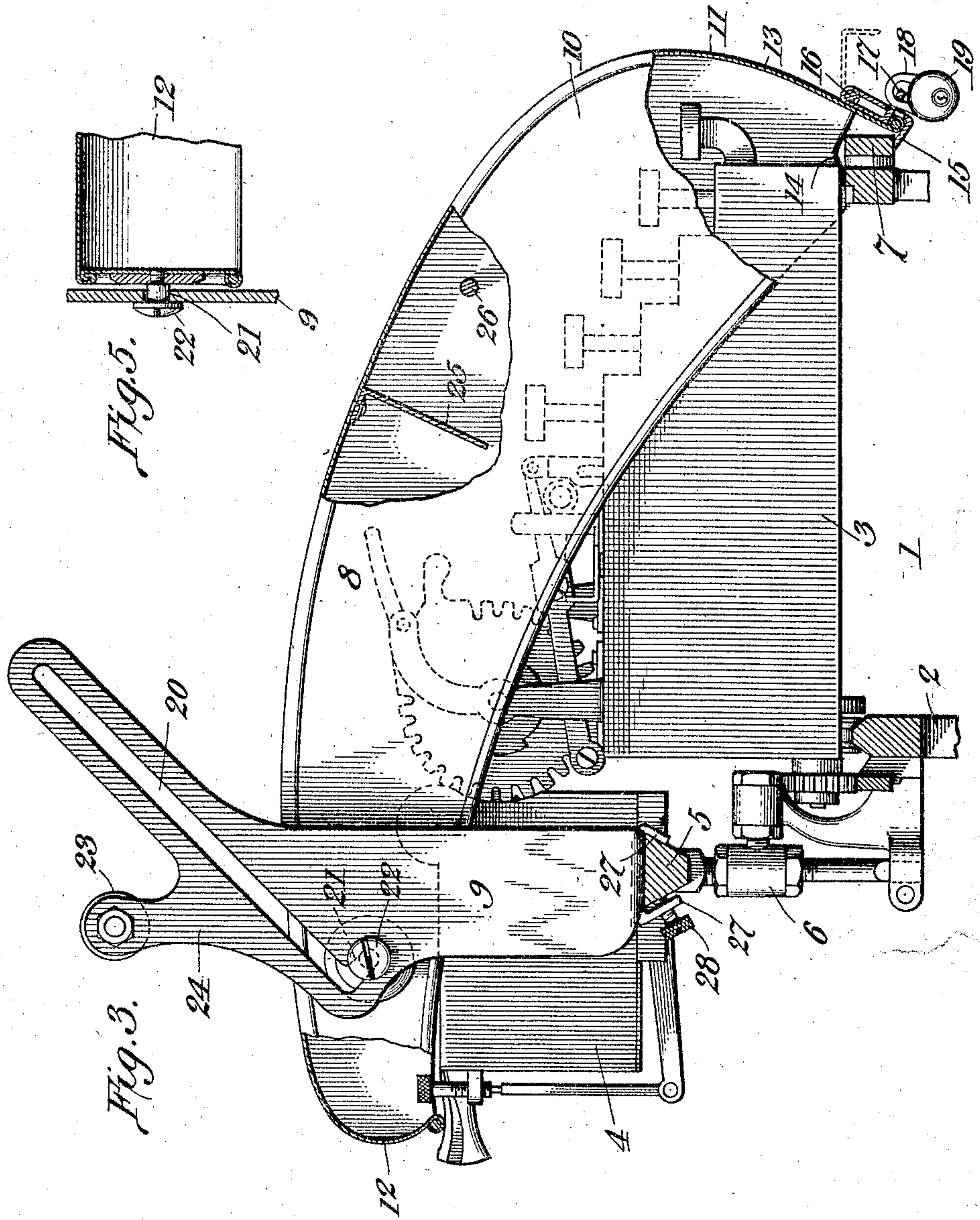
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## UNITED STATES PATENT OFFICE.

GEORGE S. ANDERSON, OF HARRISBURG, PENNSYLVANIA, ASSIGNOR TO ELLIOTT-FISHER COMPANY, OF HARRISBURG, PENNSYLVANIA, A CORPORATION OF DELAWARE.

COMBINED TYPE-WRITER COVER AND COPY-HOLDER.

999,539.

Specification of Letters Patent.

Patented Aug. 1, 1911.

Application filed November 22, 1908. Serial No. 463,979.

To all whom it may concern:

Be it known that I, GEORGE S. ANDERSON, a citizen of the United States of America, residing at Harrisburg, in the county of Dauphin and State of Pennsylvania, have invented certain new and useful Improvements in Combined Type-Writer Covers and Copy-Holders, of which the following is a specification.

My present invention relates to a combined type-writer cover and copy holder, the object being to produce a simple and inexpensive cover arranged to inclose and protect the typewriter and capable of being thrown back to a position in which it will leave the typewriter entirely unobstructed and in which it will serve as a holder for checks or other copy.

In the accompanying drawings—Figure 1 is a perspective view of an Elliott-Fisher typewriting-adding machine equipped with my combined cover and copy holder, the latter being shown in use as a copy holder. Fig. 2 is a perspective view of the subject-matter of Fig. 1 with the holder swung down to constitute a cover for the machine. Fig. 3 is a sectional view through the upper portion of the typewriter with the cover locked in its protective position and having portions thereof broken away to facilitate the illustration. Fig. 4 is a detail perspective view of one of the cover supporting brackets, and Fig. 5 is a detail sectional view through one side of the cover and the adjacent portion of its supporting bracket to show the specific mounting of the cover.

Each part wherever shown is designated by a reference character appropriated to it.

The Elliott-Fisher typewriter and adder is indicated as a whole by 1. As is well understood in the art, the typewriter includes a main frame 2 which travels longitudinally of a stationary platen, not shown, and supports a carriage 3 which travels transversely of the platen on the frame. Upon the carriage is mounted the downwardly acting printing mechanism including keys, which, aside from their function as actuating devices for the printing mechanism, also operate an adding mechanism which includes what is known as a register or computing device 4 adjustably mounted on a register supporting bar 5 located in rear of the carriage 3 and supported at its opposite ends

by brackets 6 secured to the rear side of the frame 2. At the front side of the frame 2 and adjacent to the bottom of the carriage is secured a scale bar 7 along which the column stops of the typewriting mechanism are arranged. This general description of the Elliott-Fisher typewriter and adder is deemed sufficient for present purposes, particularly as the machine is a well known article of commerce, but reference is made to Patent No. 829,971 to C. F. Laganke and J. A. Smith, for a more complete disclosure than is here considered necessary.

The combined cover and copy holder 8 is supported by brackets 9 secured to and rising from the register supporting bar 5 at the back of the frame and is adapted to be swung down to the position indicated in Fig. 2, in which it incloses and protects the carriage, or swung up to the position indicated in Fig. 1, in which it serves as a holder for checks or other copy.

The cover 8 is generally hood-shaped, comprising a pair of similar side walls 10 and a continuous intermediate wall 11 which forms the top and end walls of the cover. The wall 11 through the major portion of its length is only slightly curved, but its ends are given a somewhat more abrupt curvature, as shown at 12 and 13, this curvature at the front end of the cover being struck from a somewhat greater radius to give depth to that portion of the cover which incloses the front portion of the carriage and the keyboard.

Adjacent to the front end of the cover, as shown in Fig. 2, the side walls 10 and 11 are cut away or notched to form shoulders 14 which rest upon the upper front bar of the frame 2 in order that the weight of the cover may be sustained by the frame of the typewriter at opposite sides of the carriage, which the cover incloses. The notching of the end walls 10 in the manner stated permits the front edge of the wall 11 to drop down in front of the scale bar 7, see more particularly Fig. 3. In order to secure the front edge of the cover to the machine, an angular hasp or catch 15 is hinged as at 16, to the wall 11 at a point just above the lower edge thereof and is slotted for the accommodation of a staple 17 projecting from the wall 11 adjacent to its front edge and designed to receive the hasp 18 of a lock 19.



This construction will be fully understood by reference to Figs. 2 and 3. It will be seen that when the front edge of the cover is dropped down upon the frame of the machine the catch 15 carried thereby may be swung under a fixed part of the typewriter frame, as for instance the scale bar 7, and locked in that position by the lock 19. The catch 15 thus resists the upward swinging of the cover which is necessary to secure access to the operating mechanism of the typewriter.

The structure as thus far described constitutes a complete embodiment of the invention inasmuch as it includes a cover adapted to swing from brackets at the rear of the typewriter and shiftable into and out of its protective position. It is contemplated, however, to utilize the cover as a copy holder when swung back from the machine. To this end it is desirable to provide for the support of the cover in an elevated inclined position so that checks or other copy placed therein will be in full view of the operator. To attain this result the brackets 9 are provided with slots 20 located adjacent to their upper ends and having an inclination of approximately forty-five degrees. The slots 20 are provided at their lower rear ends with right angular extensions 21 disposed forwardly and designed to constitute seats for trunnions 22 when the cover is in the depressed position shown in Fig. 2. The trunnions 22 extend from the side walls 10 of the cover adjacent to the smaller end of the latter, the distance between said trunnions and the front edge of the wall 11 being such, that, when the cover is in its depressed position, sufficient backward movement of the cover to remove the trunnions 22 from the extensions 21 of the walls 20 will be prevented by the contacting of the wall 11 with the scale bar 7. In other words, the parts are so proportioned that in order to shift the trunnions 22 from the seats 21 and into the main portions of the slots 20, the front end of the cover must be lifted and as this is prevented by the catch 15, both the front and rear ends of the cover are securely locked in their depressed positions.

When it is desired to remove the cover from the machine, the lock 19 is removed and the catch 15 is swung back to the dotted position indicated in Fig. 3. The front end of the cover is now raised until the machine offers no obstruction to such backward movement of the cover as is necessary to cause the trunnions 22 to travel out of the seats 21 and into the slots 20. The cover is then swung back or reversed to present the trunnions 22 at the upper ends of the slots 20 and to allow what now becomes the bottom of the copy holder to rest upon small rollers 23 mounted at the inner sides of lugs 24 extending vertically at the

upper ends of the brackets 9 but terminating in a lower plane than the upper ends of the slots 20. The rollers 23 constitute supports for the copy holder as it will be seen that the major portion of the copy holder lies to the rear of these rollers and tends to gravitate, this tendency being resisted by the contacting of the trunnions 22 with the upper ends of the slots 20. Thus when the copy holder is swung back, it will assume an inverted angular position in rear of the machine.

To restore the cover to its depressed or protective position is merely necessary to depress the front edge of the copy holder, the rollers 23 acting as shifting fulcrums and the trunnions 22 traveling down the slots 20 until the copy holder assumes a position from which it will readily drop down over the machine. It will be seen that both in raising and lowering the copy holder or cover, the contact between the wall 11 and the supports 23 will be a shifting contact and it is for this reason that rollers are provided at this point to minimize the element of friction.

Any suitable provision for the support of the copy in the holder 8 may be provided, but I have shown a simple arrangement which includes a copy support in the form of a flange 25 extending across the inside of the cover or holder and secured at one edge to the wall 11, a guard bar or member 26 being extended between the walls 10 at a point sufficiently removed from the flange 25 and the wall 11 to guard checks, or other copy, which are placed edgewise upon the flange 25 behind the bar 26 and rest against the wall 11 of the holder.

It will be noted that the flange or copy support 25 not only serves as a support for the checks or other copy, but also subdivides the receptacle-shaped cover into two compartments into one of which the checks may be turned from the other to facilitate the rapid copying of a large number of such checks.

The manner of securing the brackets 9 to the machine may be varied within wide limits, but in the present construction the brackets are provided with angular guides 27 slidably fitted upon the register supporting bar 5 and retained in position by set screws 28, as clearly shown in Figs. 3 and 4.

It is thought that from the foregoing, the construction, operation and advantages of my combined cover and copy holder will be clearly comprehended, but I wish to reserve the right to effect such modifications of the illustrated structure as may come fairly within the scope of the protection prayed.

What I claim is:—

1. The combination with a typewriter including a frame and a movable carriage, of



a support carried by one of said elements of the typewriter, and a cover invertibly mounted on said support to constitute a copy holder in one position and to cover and  
5 confine the carriage in another position.

2. The combination with a typewriter including a frame and carriage, of a support carried by one of said elements of the typewriter in rear of the carriage, an invertible  
10 cover mounted on the support and movable to either of two positions in one of which it covers and confines the carriage and in the other of which it is adapted to support copy on the inside of the cover, and means lo-  
15 cated on the inside of the cover to properly position the copy.

3. The combination with a typewriter, of a cover slidably mounted in supports se-  
20 cured to the frame of the typewriter and movable to and away from its protective position.

4. The combination with a typewriter, of a combined cover and copy holder having loose pivotal connection with the typewriter  
25 and movable to different positions in one of which it covers and protects the machine and in the other of which it is adapted to hold copy in the view of the operator.

5. The combination with a typewriter in-  
30 cluding a frame and carriage, of a cover carried by the frame and movable thereon into and out of protective position, and arranged when in protective position to cover the keyboard and to lock the carriage  
35 against movement.

6. The combination with a typewriter, of a support carried thereby, and an invertible

combined cover and copy holder mounted on the support.

7. The combination with a typewriter, of  
40 a support provided with an angular slot, of a cover having a projection extended into the slot and movable to either of two positions.

8. The combination with a typewriter, of a support having a slot provided with a  
45 forward extension at its lower end, and a cover having a projection movable in an angular slot of the support.

9. The combination with a typewriter, of a support having a slot and a rest in rear of  
50 the slot, the lower end of the slot being extended forwardly, and a cover having a projection movable in the slot of the support, said cover being adapted to lie upon the rest in one position of the cover.  
55

10. The combination with a typewriter in-  
cluding a frame and carriage, of a copy holder movably secured to the frame at the rear of the typewriter and adapted to be  
60 moved into and out of protective position, and means for securing the cover to the front of the typewriter frame.

11. In combination, an invertible type-  
writer cover having the form of a receptacle, a support for the cover, and a copy support  
65 located within the receptacle formed by the cover and dividing said receptacle into front and rear check receiving compartments.

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

GEORGE S. ANDERSON.

Witnesses:

S. M. GINGRICH,  
JACOB WEIGEL.