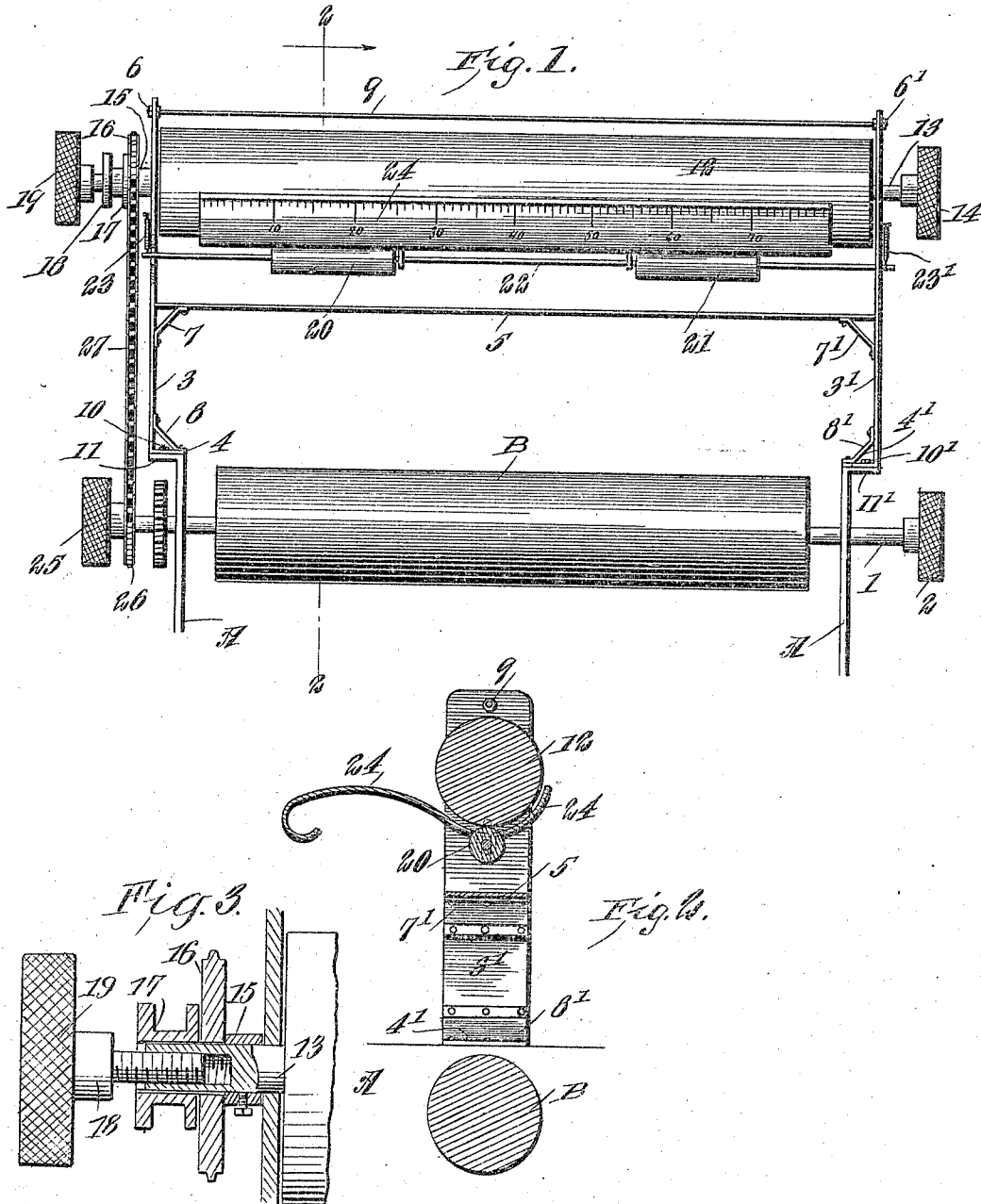


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COPY HOLDER.

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WITNESSES
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BENJAMIN F. PEETZ, OF MORO, OREGON.

COPY-HOLDER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, BENJAMIN F. PEETZ, a citizen of the United States, and a resident of Moro, in the county of Sherman and State of Oregon, have made certain new and useful Improvements in Copy-Holders, of which the following is a specification.

My invention relates to copy-holder attachments for typewriters and consists in the constructions, combinations and arrangements of parts herein described and claimed.

One of the disadvantages of the various types of copy-holders now on the market is the necessity of having to turn the leaves as the matter is transcribed. Where a great deal of copying is to be done it becomes tedious at times, and one object of my invention is to provide a copy-holder in which the copy is automatically kept in the operator's sight while at the same time being securely held in a convenient position in such a manner that it cannot be blown about or otherwise disturbed.

A further object of my invention is to provide a convenient form of copy-holder which can be readily attached to the standard makes of typewriters without the necessity of dismantling the machines.

My invention is illustrated in the accompanying drawings in which—

Figure 1 is a front view showing one embodiment of my invention; Fig. 2 is a sectional view along line 2—2 of Fig. 1 looking in the direction of the arrow; Fig. 3 is a sectional view showing in detail the construction of some of the operating parts.

Referring now particularly to Fig. 1, A denotes in general the carriage frame of a typewriter in common use such as the Underwood, Smith or Remington, while B denotes the typewriter platen, the latter being mounted on the spindle 1 and being arranged for movement by means of a thumb-wheel 2.

Secured to the carriage A is an upright frame consisting of the side pieces 3, 3' provided with inwardly turned flanges at their lower ends 4, 4' connected with the upright members 3, 3' by means of the braces 8, 8', and upper and lower cross-members 9 and 5 respectively. The upper cross member 9 consists of merely a stiffening wire passing through the side members 3 and secured thereto by means of the nuts 6, 6'. The lower cross-piece 5 is preferably a flat strip, and braces 7, 7' serve to strengthen the

frame and to prevent side movement. The frame thus described is secured to the carriage by means of the screws 10, 10' which pass through the lower flanges 4, 4' respectively into the outwardly turned flanges 11, 11' of the carriage-frame.

In the upper part of the frame is located a copy-holder roller 12 supported on a shaft 13 journaled in the upright members 3, 3'. On one end of the shaft is located a thumb-wheel 14 and the other end of the shaft is provided with apparatus for coöperation with the platen shaft 1 in rotating the copy roller 12 and for disengaging the roller from the platen shaft if the copy is being fed too fast or for any other reason. This apparatus consists of a friction collar 15 secured on the shaft 13 by means of a set screw or in any other suitable manner, a sprocket-wheel 16 fitting loosely on the shaft 13, a friction disk 17 loosely mounted on the shaft 13 and slidable therealong but being prevented from turning with the shaft, a clamping member 18 for clamping the sprocket-wheel 16 between the friction members 15 and 17 and a thumb-wheel 19 arranged on the outer end of the shaft. The thumb wheel 19 and the clamping member 18 are secured together on a short threaded spindle 18^a arranged to enter the threaded opening 13^a of the shaft 13.

Arranged to coöperate with the copy-roller 12 are the two feed rollers 20, 21 respectively. These rollers are journaled on a rod 22 disposed in openings in the frame members 3, 3', the rollers being kept in engagement with the copy-roller by means of the springs 23, 23'. A paper table and scale 24 is secured to the rod 22 and is supported thereby.

The operation of my improved copy-holder may be readily understood from the foregoing description of the various parts. It may be readily attached to a typewriter such as the Underwood for instance, by means of the small screws 10 and 10' in the manner described, and then by removing the lefthand thumb wheel and replacing it with the thumb-wheel 25 provided with a sprocket-wheel 26 and slipping the sprocket chain 27 over the teeth of the loose sprocket 16 and the sprocket wheel 26. The paper is fed in underneath the copy roller in the manner identical with that of the lower platen and as the latter revolves on its shaft the former is caused to revolve likewise,

when the thumb nut 18 is securely screwed up to clamp the sprocket-wheel 16 between the friction members 15 and 17. If the copy is not being fed fast enough it can be moved forward by loosening the sprocket-wheel 16 and turning the thumb-wheel 14, or if it is being fed too fast the mere loosening of the sprocket-wheel 16 will cause the roller 12 to remain idle until such time as is necessary to again set it in motion when it may be started by simply turning the thumb-screw 17 to again tighten the sprocket-wheel.

I claim:

1. In a copy holder for typewriting machines, a rectangular frame arranged to be attached to the carriage of a typewriter, a roller shaft disposed longitudinally in said frame, a copy roller mounted on said shaft, feed rollers normally in engagement with said copy roller, a thumb wheel rigidly connected with said copy roller shaft, a sprocket wheel loosely mounted on the opposite end of the shaft, a friction collar secured to the shaft on one side of said sprocket wheel, a

movable friction disk on the other side of said sprocket wheel, a thumb nut arranged on said copy roller shaft and adapted to clamp said sprocket wheel between said friction members, in combination with a platen shaft, a sprocket wheel on said platen shaft and a sprocket chain for imparting motion to the copy holder roller.

2. In a copy holder for typewriting machines, a rectangular frame adapted to be attached to the carriage of a typewriter machine, a shaft disposed longitudinally in said frame, a copy roller mounted on said shaft, a sprocket wheel loosely mounted on said shaft, friction members mounted on said shaft and arranged to engage said sprocket wheel, in combination with a platen shaft, a sprocket wheel on said platen shaft and a sprocket chain for imparting the motion of said platen shaft to said copy holder shaft.

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Witnesses:

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