Dec. 23, 1958 I. S. FLEMING 2,865,132

PROOF READER GUIDE

Filed June 27, 1958

FIG. 1.

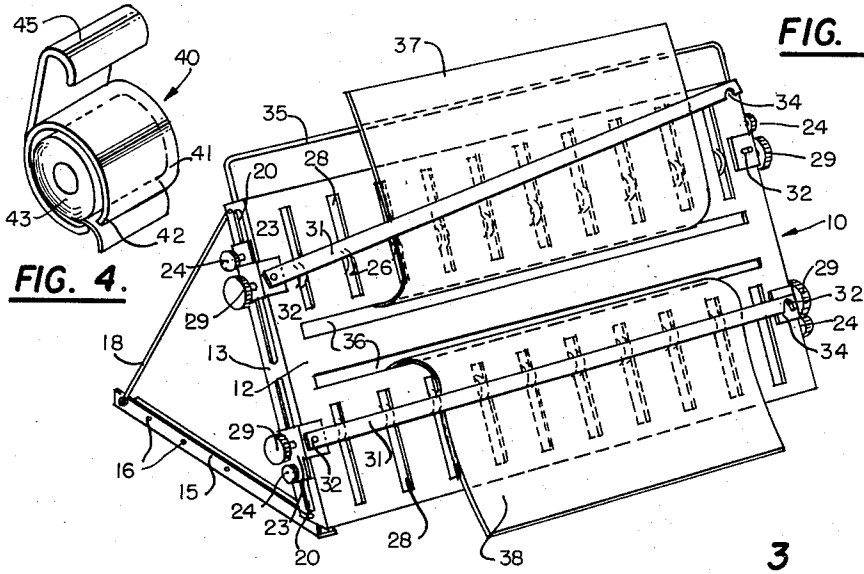


FIG. 4.

FIG. 2.

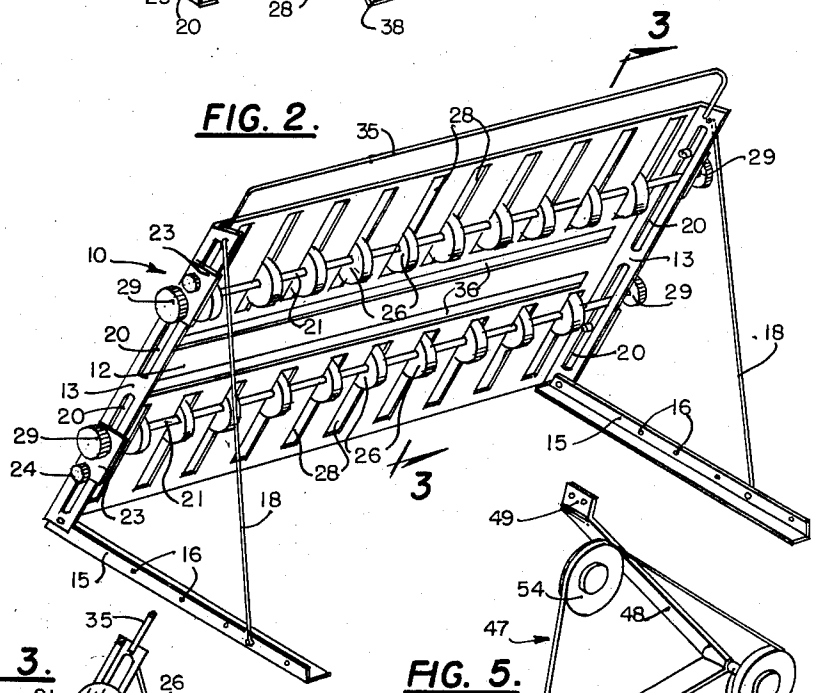


FIG. 3.

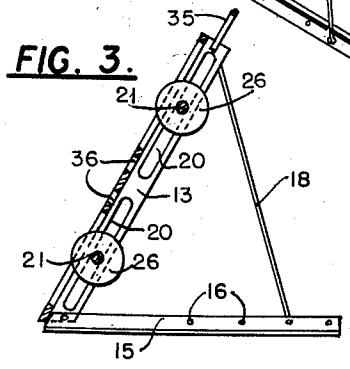


FIG. 5.

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PROOF READER GUIDE

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5 Claims. (Cl. 45—61)

This invention relates to office equipment and more particularly to a guide for proof readers.

It is an object of the present invention to provide a simple guide for proof readers that will enable a proof reader to readily compare a final copy with an original copy with a minimum amount of eye strain, neck strain, loss of place, and errors.

A further object of the present invention is to provide a proof reader guide that will allow the proof reader to sit comfortably in a straight position with attention focused straight ahead in a manner similar to the position of a typist using an automatic line guide.

Other objects of the invention are to provide a proof reader guide bearing the above objects in mind which is of simple construction, has a minimum number of parts, is inexpensive to manufacture and efficient in operation.

For other objects and for a better understanding of the invention, reference may be had to the following detailed description taken in conjunction with the accompanying drawing, in which:

Figure 1 is a perspective view of a proof reader guide made in accordance with the present invention in operative use;

Figure 2 is a rear perspective view of the apparatus shown in Figure 1, with the original and copy sheets removed;

Figure 3 is a transverse cross sectional view taken along line 3—3 of Figure 2;

Figure 4 is a perspective view of an attachment for the present invention; and

Figure 5 is a perspective view of another accessory forming a part of the present invention.

Referring now more in detail to the drawing, and more particularly to Figures 1 to 3 thereof, a proof reader guide 10 made in accordance with the present invention is shown to include a main base plate 12 that is provided with a pair of rearwardly extending end flanges 13. A pair of angle bars 15 are pivotally secured, one at each end, to the opposite ends of the base plate 12 adjacent to a common edge thereof. These angle bars 15 have longitudinally spaced apart apertures 16 which selectively secure one end of a brace rod 18 that is pivotally connected at its opposite end to the opposite end of the flange 13 adjacent to the opposite longitudinal edge of the base plate 12. This construction enables the base plate 12 to be inclined at any desired position with respect to the supporting surface, so as to enable the eyes of the proof reader to be conveniently focused thereon.

Each flange 13 is provided with a pair of longitudinally extending slots 20 which slidably receive the opposite ends of longitudinally extending shafts 21. The outer ends of these shafts 21 are rotatably supported within plates 23 that are movable to any desired adjusted position along the length of the slots 20 and engageable at a selected position by means of clamp screws 24. The intermediate portion of each such shaft 21 is provided with a plurality of longitudinally spaced apart friction rollers

26 which extend through similarly spaced transversely extending slots 28 in the base plate 12, from the rear to the front side thereof. The outermost end of each shaft 21 is also provided with a manually operated handle 29 for selectively rotating each such shaft 21.

Each adjustable end plate 23 is also provided with a forwardly extending pivot pin 32. A pair of guide rods 31 are pivotally supported at one end upon the pivot pins 32 of the guide plates 23 at one end of the base plate 12. The opposite end of each guide bar 31 is provided with a downwardly opening V-shaped cutout 34 for releasably receiving the pivot pins 32 on the adjustable plates 23 at the opposite end of the base plate 12, so as to enable the sheets of paper to be inserted in a manner hereinafter described.

In actual use, the uppermost end of the final copy to be proof read 37, is fed from the back of base plate 12, into the upper longitudinal slot 36 and is directed upwardly between the uppermost guide bar 31 and the friction rollers 26 directly adjacent thereto. The original sheet 38 is fed upwardly between the lowermost guide bar 31 and the adjacent friction rollers 26, and into a lower longitudinal slot 36. With the guide bars 31 in the closed position, as is the lowermost guide bar 31 in Figure 1, rotation of the handles 29 will effect movement of the respective sheets through the slots, whereby the upper edge of the lower guide bar 31 and the lower edge of the upper guide bar 31 may be used to align the particular line of print being checked. Any corrections to be made can be made upon the final copy 37 or, if desired, an attachment 40 may be used for this purpose. This attachment 40 includes a cylinder 41 having a longitudinal slit 42 through which the end of a roll of adding machine paper 43 may be fed. The cylinder 41 is also provided with a hook 45 which may be supported upon the paper rest 35 at the top of the base plate 12. By thus feeding the strip of paper 43 past the friction rollers and uppermost guide bar 31 along with the final copy 37, any corrections may be made right on this narrow strip of paper rather than upon the final copy sheet 37.

Another attachment 47 is illustrated in Figure 5 which will enable both sheets of paper to be moved simultaneously in response to rotation of only one of the handles 29. This attachment 47 includes a V-shaped brace member 48 having terminal flanges 49 for attachment to the rearmost surface of the base plate 12. At the apex of this brace member, a shaft 52 is rotatably supported, to which a pulley wheel 51 is secured. Similar pulley wheels 54 are then attached to the adjacent portions of the upper and lower longitudinal shafts 21 of the drive mechanism. By then extending a flexible belt 55 around all three of these pulleys, it will be recognized that by rotating any of these handles 29, both longitudinal shafts 21 will be simultaneously rotated, thus moving both the final and original copy sheets 37, 38 past the respective guide bars 31 at a uniform rate, to thus increase the speed at which the proof reader can work.

The end plates 23 are adjustable so as to enable the reading position of the sheets to be adjusted. The extended transversely extending slots 28 permit this adjustment since they will accommodate a substantial amount of movement of the rollers 26 therethrough. It is thus possible to adjust the uppermost and lowermost limits of the guide edge of the guide bars 31 without effecting the friction drive between the paper and the friction rolls.

While various changes may be made in the detail construction, it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

What I claim as new and desire to protect by Letters Patent of the United States is:

1. A proof reader guide comprising, in combination, a main base plate, bracket means supporting said base plate angularly upon a support surface, a pair of detachably mounted guide rods supported upon said base plate in spaced apart parallel relationship, a pair of spaced apart parallel longitudinal slots in said base plate intermediate said guide rods, and manually operated means for driving an original sheet and a final sheet past said guide rods through said longitudinal slots.

2. The combination according to claim 1, further comprising means for adjusting the position of each said guide rod relative to the adjacent one of said longitudinal slots.

3. The combination according to claim 2, wherein said bracket means comprises a pair of angle bars pivotally supported one at each end of said main plate, and brace rods extending between and adjustably secured at opposite ends one to each said angle bar and main base plate.

4. The combination according to claim 3, wherein said manually operated means comprises a pair of longitudinally directed shafts extending behind said base plate one adjacent to each of said guide bars, and friction rollers carried by said shafts for driving engagement with a sheet of paper passing between said base plate and said guide bar.

5. The combination according to claim 1, wherein said base plate comprises a row of transversely extending and longitudinally aligned slots between each said longitudinal slot and the adjacent edge of said base plate, and said friction rollers extend through said transversely extending slots toward said guide bars.

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