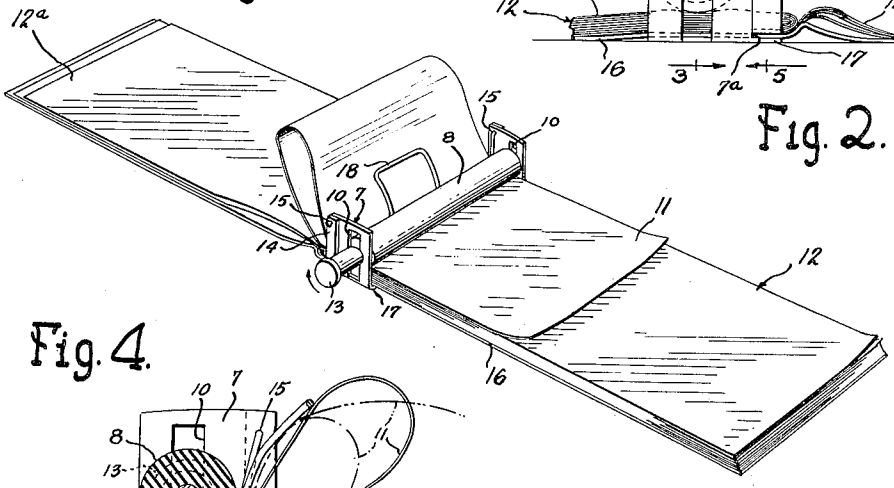
Oct. 17, 1939. C. J. BARRON 2,176,483

DEVICE FOR TURNING PAGES

Filed March 11, 1939

Fig. 1.



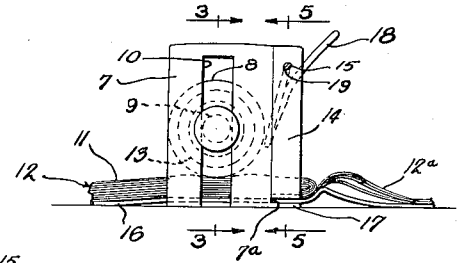


Fig. 2.

Fig. 4.

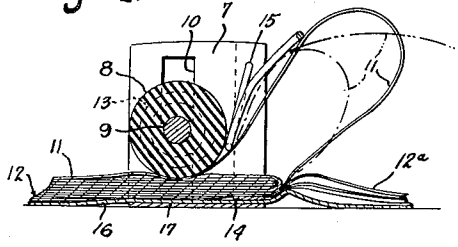
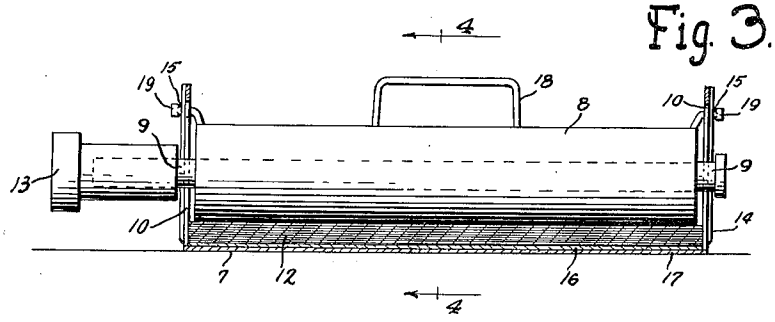


Fig. 3.



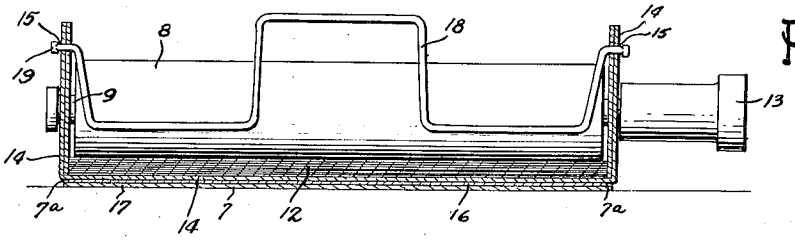


Fig. 5.

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UNITED STATES PATENT OFFICE

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DEVICE FOR TURNING PAGES

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Application March 11, 1939, Serial No. 261,238

4 Claims. (Cl. 281—1)

This invention relates to a device for turning pages, and has particular reference to a device of the character referred to, which may be used to turn the pages of a shorthand note book.

An object of the invention is the provision of a device which may be readily attached to a note book, so that the shorthand operator may advance each page of the book line by line as he writes; by so doing, he will not have to move the position of his arm from line to line. With this device, the operator may effect greater speed and accuracy in his work. Greater speed and accuracy are accomplished by eliminating unnecessary movements of the writing hand in shifting and turning the pages of the book. This allows a more rythmic style of writing. In using this device, the operator's writing hand stays on a one line position, thereby eliminating the necessity of shifting the arm from the bottom of the page to the top of the page.

In using my improved page shifting device, the operator's non-writing hand does not come in contact with the page which is being written upon; thereby allowing more freedom to the writing hand. With the use of this device, the inconvenience and delay of buckling pages is eliminated when the pages are shifted.

The foregoing objects and other advantages of the invention will become more apparent as the description proceeds, reference being made to the accompanying drawing, which forms part of this disclosure, in which drawing:

Fig. 1 is a perspective view of a device embodying my invention, assembled with a shorthand note book.

Fig. 2 is a side elevation of the device, with parts of the note book broken away.

Fig. 3 is a longitudinal sectional view of the device, taken substantially on the line 3—3 of Fig. 2.

Fig. 4 is a sectional view taken substantially on the line 4—4 of Fig. 3 with parts of the note book broken away.

Fig. 5 is a sectional view taken substantially on the line 5—5 of Fig. 2.

Referring now more particularly to the drawing, it will be seen that in the embodiment herein disclosed, my improved device consists generally of a substantially U shaped supporting bracket 7, and a roller 8, which is mounted on a shaft 9; the latter being journaled in slots 10 formed in the respective ends of the supporting bracket 7. The roller 8 is preferably made of hard rubber, and is adapted to rest of its own weight on the top page 11 of the shorthand note book 12. The roller 8 is adapted to be rotated by means of the knob 13, which is secured to the end of the shaft 9.

I provide a locking member 14, which is also a substantially U shaped member, the legs of which are pivoted, as at 15, to ends of the bracket 7. This locking member 14 is arranged to hold the bottom cover 16 of the note book 12, between it and the base 17 of the bracket 7. It will be noted that the bottom cover 16 of the note book rests on top of the base 17 of the bracket 7, and beneath the horizontal part of the locking member 14. The ends of the bracket 7 are slotted, as at 7a in Figs. 2 and 5, to accommodate the horizontal portion of the locking member 14.

In assembling the note book with the device, the locking member 14 is first swung into inoperative position. The bottom cover 16 of the note book is then inserted between the base 17 and the roller 8. The locking member 14 is then swung into operative position, pinching the bottom cover 16 of the note book between the base 17 and the locking member 14. The pages 12 of the note book are then inserted into the device so that they rest on top of the horizontal portion of the locking member 14 and the base of the bracket 7, and below the roller 8. When thus assembled, the roller 8 will rest of its own weight on the top of the note book pages. As the roller 8 is rotated in the direction indicated by the arrow in Fig. 1, the roller causes the top page 11 of the note book to move through the device. It is obvious that with this device, the operator can advance the top page 11 at will, by rotating the roller 8 with the left hand, while writing on page 11 without moving the writing arm, except from one side of the page to the other. As the respective pages of the note book are moved beneath the roller 8, they take their position as indicated at 12a in Fig. 1. After all the pages have been written upon, the note book is removed from the device and inserted therein, in the opposite position, so that the backs of the pages previously written upon can be used.

In order to prevent the pages from falling back over the roller 8 as they are being advanced, I provide a guard member 18, which is preferably made of heavy wire, and held in position by the ends of the bracket member 7. I utilize the ends of the guard member 18 as pivots for the locking device 14. I flatten the ends of the guard member 18, as at 19, to prevent them from being displaced.

Having described my invention, what I claim and desire to secure by Letters Patent is:

1. The combination with a shorthand note book, of a U-shaped bracket, slots in the ends of said bracket, a roller journaled in said slots and arranged to rest of its own weight on the pages of the note book, and a second U-shaped member, pivoted at its ends to the ends of said bracket and arranged to extend between the pages and the back cover of said note book to force the said cover against the base of said bracket.

2. In a device of the character described, the combination of a U-shaped bracket having a base member of substantial width, the end members of said bracket having longitudinal slots, a shaft journaled in said slots, a roller on said shaft, a locking member comprising a U-shaped bar pivoted at either end to the end members of said bracket, and transverse slots in the end members near the base of said bracket arranged to engage the transverse portion of said locking member.

3. The combination defined in claim 1, there being a guard member pivoted at either end in said first named U-shaped bracket, said guard being arranged to prevent the free end of the last turned page from traveling back over the roller.

4. The combination defined in claim 1, there being an outwardly curved guard member pivoted at either end in the said first named bracket, the said guard member being arranged to direct the free end of the last turned page away from the roller.

CLYDE J. BARRON.