

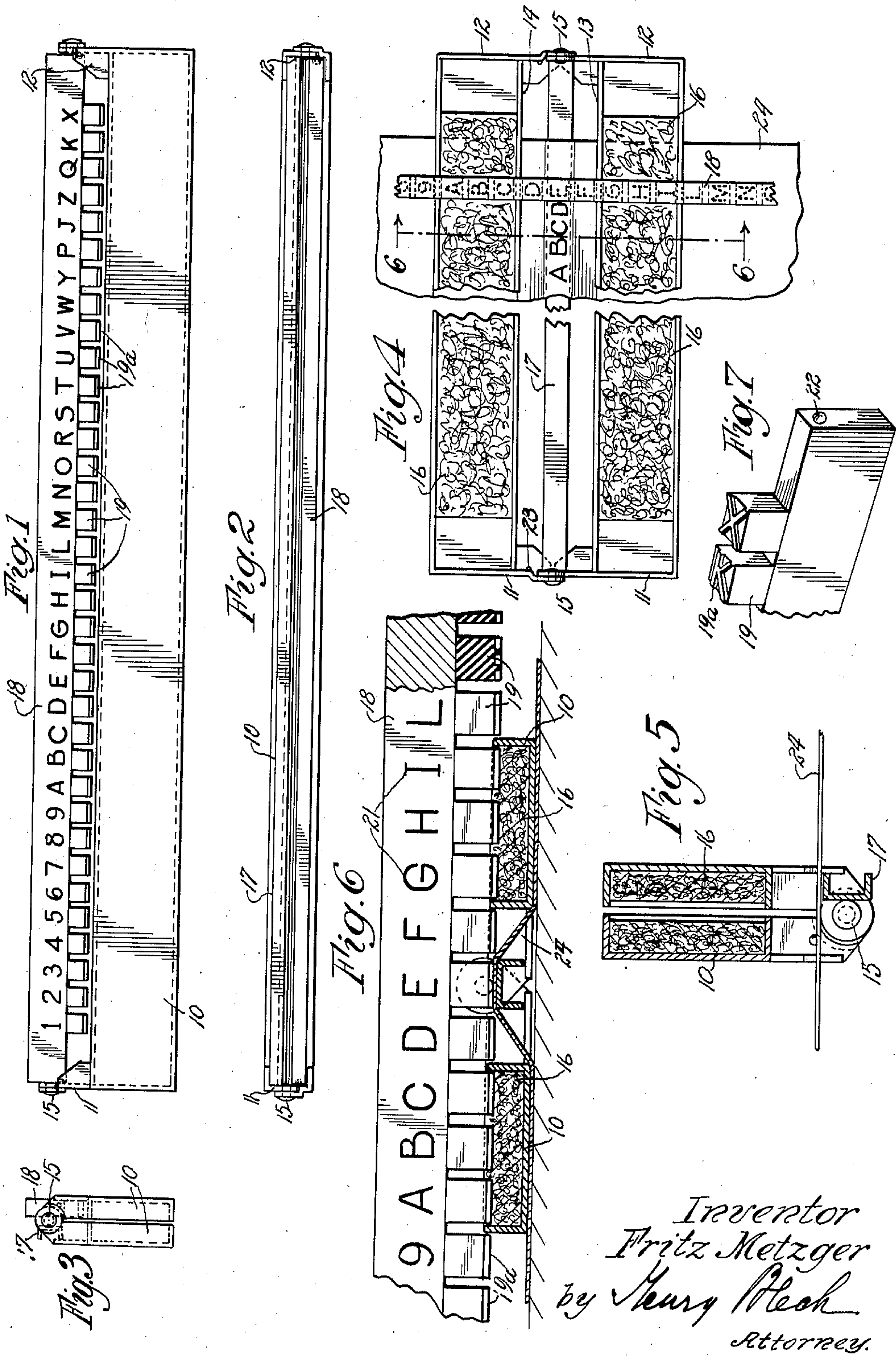
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TYPEWRITER

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TYPEWRITER

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7 Claims. (Cl. 101—103)

My invention relates to a type-writer, and especially to a type-writer which may be operated with equal facility by children as well as by adults.

5 Devices of the kind specified are known, but they are either expensive or so complicated in operation as to make them undesirable.

It is, therefore, an object of my invention to provide a compact and portable type-writer 10 which is both simple to operate and so inexpensive that it may be used by everyone.

Another object of my invention is to provide a type-writer which is simple enough for children to operate, and yet may be used in business 15 or for printing signs, legends, and the like.

It is still another object of my invention to provide a type-writer in which ink is applied to the type while the device is being used.

Another object of the invention is to provide 20 a type-writer in which lettering will be produced in a straight line on a sheet of paper.

With these and other objects in view, which will become apparent from a perusal of the invention, the latter comprises the means described in the specification; particularly pointed out in the claims forming a part thereof, and illustrated in the accompanying drawing, in which:

Fig. 1 is a front view of my device shown in folded position.

30 Fig. 2 is a plan view of my device shown in folded position.

Fig. 3 is an end view of my device shown in folded position.

Fig. 4 is a fragmentary plan view of my device 35 opened, and in operating position.

Fig. 5 is an enlarged cross section of the type-writer in closed position.

Fig. 6 is an enlarged section view on the line 6—6 of Fig. 4, and

40 Fig. 7 is an enlarged perspective view of a fragment of the type-bar.

Referring to the several views in the drawing, the device comprises a pair of rectangular casings 10 in the form of channels closed at the front and rear by end walls 11 and 12, constituting angle irons and extending beyond the inner side walls 13 and 14, and overlap to be connected by a hinge joint 15, so that the casing may be arranged in flat position to be in horizontal alignment, as shown in Figs. 4 and 6, or 50 folded into compact arrangement, as shown in Fig. 5.

In the casings are arranged ink pads 16, which stop short of the ends of the casing, but if preferred, may be co-extensive therewith.

An inverted channel 17, constituting a platen, is arranged parallel to the side walls of the casing and secured to the inner ends of the end walls 11, 12 just below the hinges 15.

A type bar 18 is provided with blocks 19, having 5 letters, numerals or other indicia 19a thereon. The side of the type bar contains also letters, numerals, or other indicia 21, to correspond with the appertaining indicia on the blocks.

When the device is in folded or collapsed condition, the type bar is inserted between the platen 17 and the protruding end walls of the adjacent casing. 10

The type bar 18 has a depression 22 at each end into which is received a ball protuberance 15 23, so that the type bar is rigidly held in place and forms with the device proper a compact unit.

In use, the type bar is removed, a sheet of paper 24 is threaded through the spaces defined by the platen 17 and the casings 10, whereupon 20 the casings are unfolded, so that the paper overlies the platen 17.

Then the type bar is held transversely to the longitudinal direction of the casings and lowered until a selected letter or numeral is in alignment 25 with that portion of the paper which overlies the platen 17, as is clearly shown in Fig. 6.

Attention is called to the fact that the blocks are spaced from one another and so arranged that, upon a block being in typing position, the 30 edges of the casing side walls are received in such spaces, so that typing along the paper will always occur along a straight line.

It is also noteworthy that some of the blocks, while printing, enter the casing and become inked 35 while the typing is carried out.

The arrangement of the type bar to be slid between the platen 17 and the end walls 11, 12, when the device is in compact form, prevents opening of the device until the type bar is first 40 removed.

The casings, when folded, have their open sides close together, so that their inking pads are protected from contamination and against drying out, and also facilitate handling of the device, as the fingers of a person do not come in 45 contact with the pads.

While the drawing shows a preferred embodiment of the invention, numerous changes and alterations may be made without departing from 50 the spirit of the invention.

I, therefore, do not limit myself to the details or particular arrangement or construction, as shown, but wish to claim the invention as broadly as the state of the art permits.

I claim:

1. A typewriter, including a casing having an ink pad, edges on said casing projecting above the level of said pad, a platen secured to said casing and adapted to hold a sheet of paper thereon, and a type carrier having serrations in spaced relation to receive said casing edges and engaging with a single letter the paper at constant distance from said casing.
2. A typewriter, including a casing having an ink pad, edges on said casing projecting above the level of said pad, a platen secured to said casing and adapted to hold a sheet of paper thereon, and a type carrier having serrations to receive said casing edges and engaging with a single letter the paper on said platen and with a plurality of letters said ink pad.
3. A typewriter, including a casing having an ink pad, edges on said casing projecting above the level of said pad, a platen secured thereto adapted to hold a sheet of paper thereon, and a type carrier having serrations to receive the edges of said casing and engaging the paper at constant distance from said casing and engaging with a plurality of letters said ink pad.
4. A typewriter, including a pair of hingedly connected casings having ink pads, edges on said casings projecting above the level of said pads, a platen interposed between said casings and secured thereto, said platen holding a sheet of

paper, and a type carrier having serrations to receive the edges of said casings to thereby align a single letter with the platen.

5. A typewriter, including a pair of hingedly connected casings having ink pads, edges on said casings projecting above the level of said pads, a platen interposed between said casings and secured thereto, said platen holding a sheet of paper, and a type carrier having serrations to receive the edges of said casings to thereby align a single letter with the platen and a plurality of letters with said ink pads.

6. A typewriter, including a pair of hingedly connected casings having ink pads, said casings complementing one another in closed position to form a box structure, a platen parallel between said casings and secured to one of said casings, and a type bar adapted to imprint with a single letter on said platen, said platen being spaced from said casings when closed to afford a slot for threading a paper therethrough.

7. A typewriter, including a casing having a pad, a platen secured to said casing and adapted to hold a sheet of paper thereon, a type carrier adapted to engage with a single letter the paper, and means on said type carrier engaging said casing to cause the successive imprints of the type carrier to occur on a straight line on the paper.

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