Feb. 27, 1951 D. BEDNARCZUK 2,543,714

LETTERING GUIDE DEVICE

Filed Sept. 9, 1949

Fig. 1

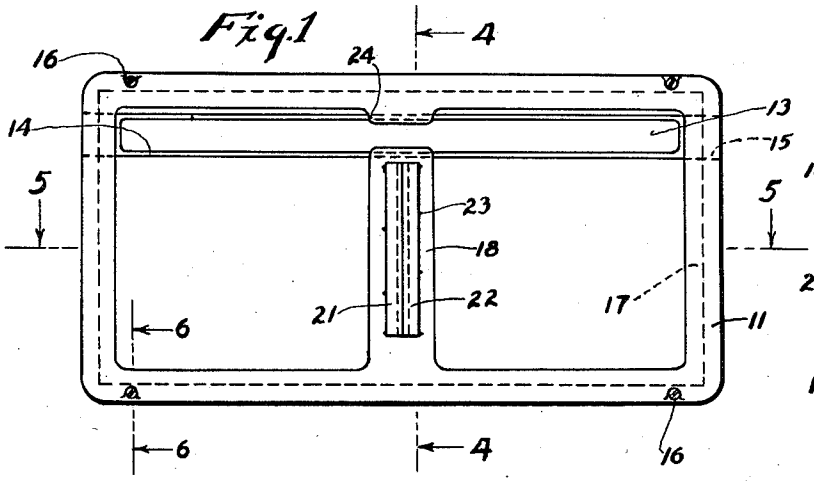


Fig. 2

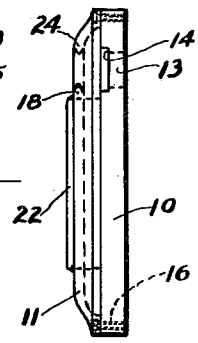


Fig. 3

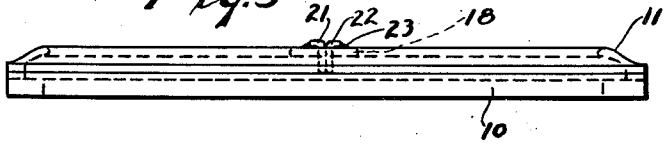


Fig. 4

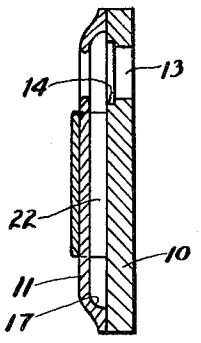


Fig. 5

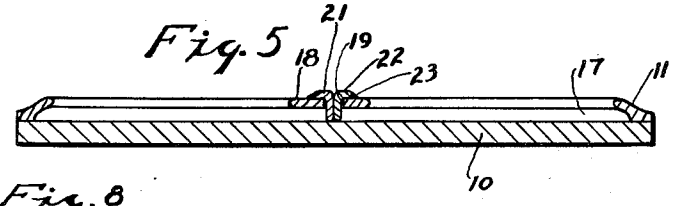


Fig. 8

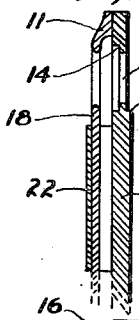


Fig. 7

Fig. 6

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LETTERING GUIDE DEVICE

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4 Claims. (Cl. 33—174)

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This invention relates to a lettering guide device.

It is an object of the present invention to provide a lettering guide device adapted to receive and retain a plurality of different lettering guides and wherein these lettering guides can be rotated in a frame to be positioned for use as desired and without having to remove the guide from the frame there being a base plate with an opening therein over which the guides can be positioned, the guides bearing the usual letter openings through which the lettering pen can be extended for the forming of a letter through the opening in the base plate and upon the drawing sheet, and wherein the device can be held firmly while the guide being used is adjustable laterally in the guideway of the device for effecting the lettering operations with the lettering pen.

Other objects of the present invention are to provide a lettering guide device which is of simple construction, inexpensive to manufacture, has a minimum number of parts, convenient to use, allows for the full adjustment of the one guide being used, 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 connection with the accompanying drawing, in which

Fig. 1 is a top plan view of the device with the lettering guides removed therefrom.

Fig. 2 is an end view of the device.

Fig. 3 is a side edge view of the device.

Fig. 4 is a transverse sectional view taken on line 4—4 of Fig. 1.

Fig. 5 is a longitudinal sectional view taken on line 5—5 of Fig. 1.

Fig. 6 is a fragmentary detail sectional view taken on line 6—6 of Fig. 1.

Fig. 7 is a perspective view of the device with the lettering guides in place within the device.

Fig. 8 is a fragmentary sectional view of a slightly modified form of the invention wherein the edge of the device having the opening through which the lettering pen is extended has its bottom face lifted to prevent smudging of the ink upon the removal of the device from the drawing sheet.

Referring now to the figures, 10 represents a bottom plate upon which there is secured a frame 11 for retaining and guiding a plurality of lettering guides 12. The bottom plate has at one side an elongated opening 13 over which the guides are positioned when they are to be put to use. In order that the guide which is being

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used can be guided within the device, the plate is recessed, as indicated at 14 about the opening 13 and through the ends of the bottom plate so as to permit the guide being used to be slid outwardly from the end of the device, as at 15, and under the frame 11. The particular lettering guide 12 which is being used will accordingly be dropped from the top face of the bottom plate into the guideways 14 about the opening 13. By the guideways 14 extending through the ends of the bottom plate, full use of the lettering guide can be had and without the lettering device having to be shifted upon the drawing sheet to make certain of the letters.

The frame 11 is held in place upon the bottom plate 10 by four screws 16 disposed on the sides of the frame and entering the relatively thick bottom plate 10. The frame 11 extends upwardly and inwardly to overhang the ends and side edges of the lettering guides 12 and to provide guideways 17 therefor.

Extending inwardly from one side of the frame 11 is a long projection 18 having an elongated slot therein, as indicated at 19 in Fig. 5, through which are extended guide pieces 21 and 22 of angle section and arranged back to back with one another. These guide pieces engage with the top face of the bottom plate and keep the projection elevated. The pieces 21 and 22 are held in place and against vertical displacement from the opening 19 by spots of material engaging with the top face of the projection 18, as indicated at 23. To adjust one lettering guide from one end of the frame to the other, the guide is moved toward the side of the frame from which the projection 18 extends and is passed below the ends of the pieces 21 and 22 by sliding the same longitudinally and in the manner illustrated by the arrows in Fig. 7.

Extending inwardly from the other side of frame 11 is a lip 24. This lip will prevent the outward displacement of the lettering guide being used in the guideways 14 of the slot 13. The projection 18 is of sufficient length to overlie the lower edge of the guide. To move the device, the thumb and fingers can be placed over the projection 18 and the pieces 21 and 22.

In operation, the lettering guides are rotated in the direction of the arrows and can be extended from one end of the device to the other below and above the guide pieces 21 and 22. When the lettering guide is over the opening 13 it is dropped in the guideways 14 and is held rigid against downward and upward displacement

while permitting the same to be slid along the opening 13 to locate the individual letters of the lettering guide for use with the lettering pen. These letters are in the form of openings and the pen is projected through these openings to be guided by the same. The guide is adjusted back and forth, well elevated above the drawing sheet, to obtain the desired letter. If necessary, the guide 12 can be adjusted through the end opening 15.

In Fig. 8, the bottom face of the bottom plate is shown relieved as indicated at 25 to make possible the longitudinal movement of the device without smudging the ink upon the drawing sheet. The parts of the device can be formed from metal, plastic or any other suitable material.

It will be apparent that with this device the lettering guides are systematically retained in the device itself which serves as the guide or retaining member for the individual guides and wherein the guides are thus neatly stored within the device. By simply manipulating the guides through the device, the proper lettering guide can be located over the opening 13 and quickly made ready for use.

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 is claimed is:

1. A multiple lettering guide device comprising a bottom plate element having an elongated opening therein, a top frame element secured to the bottom plate element, one of said elements having guideways about the ends and sides of the device, one of the elements having guideways intermediate the ends of the device and extending respectively parallel thereto, the intermediate guideways being spaced at their ends from the sides of the device to provide passageways extending respectively between them and the sides of the device, and lettering guides extendable between intermediate and end guideways and adjustable through the guideways from top to bottom and vice versa and from one end of the device to the other and through said passageways above and below the intermediate guideways and adapted to be positioned over the elongated opening in the base plate element for use in effecting a lettering operation with a lettering pen.

2. A multiple lettering guide device comprising a bottom plate having an elongated opening therein, a top frame secured to the bottom plate and providing guideways about the ends and sides of the device, intermediate means projecting inwardly from one side of the frame with guide formations thereon to provide guideways parallel to the guideways at the ends of the frame, said guide formations being spaced from the sides of the frame to provide passageways therebetween and lettering guides extendable between intermediate and end guideways and adjustable through the guideways from top to bottom and vice versa and from one end of the device to the other and through said passageways whereby to be positioned over the elongated opening in the base plate for use in effecting a lettering operation with a lettering pen, and said bottom plate being relieved about the elongated opening and at the ends thereof to provide guideways for receiving the lettering guides to permit the longitudinal adjustment of the lettering guides over the opening and through the ends of the bottom plate.

3. A multiple lettering guide device comprising a bottom plate having an elongated opening therein, a top frame secured to the bottom plate and providing guideways about the ends and sides of the device, intermediate means projecting inwardly from one side of the frame with guide formations thereon to provide guideways parallel to the guideways at the ends of the frame, said guide formations being spaced from the sides of the frame to provide passageways therebetween and lettering guides extendable between intermediate and end guideways and adjustable through the guideways from top to bottom and vice versa and from one end of the device to the other and through said passageway above and below the intermediate guideways whereby to be positioned over the elongated opening in the base plate for use in effecting a lettering operation with a lettering pen, and said bottom plate being relieved about the elongated opening and at the ends thereof to provide guideways for receiving the lettering guides to permit the longitudinal adjustment of the lettering guides over the opening and through the ends of the bottom plate, and said bottom plate being relieved upwardly from its bottom surface in the area about the elongated opening whereby to prevent smudging of the ink upon the device being adjusted on the drawing sheet.

4. A multiple lettering guide device comprising a bottom plate having an elongated opening therein, an open frame secured to the bottom plate and providing guideways about the side and end portions thereof, said frame having an intermediate portion extending inwardly from one side thereof with an elongated opening therein extending parallel to the ends of the frame, guide pieces of angular section extending downwardly through the opening and connected to the top of the projection whereby to serve as guideways intermediately of the frame, said guide pieces arranged in back-to-back relationship and having flanges extending over and upon the top surface of the projection to serve as a hand grip for moving the device upon the drawing sheet, the ends of said guide pieces being spaced from the sides of the device to provide guideways whereby to permit the longitudinal adjustment of the lettering guides from one end of the device to the other, and lettering guides extendable between intermediate and end portions arranged in the device and operating in the guideways of the frame and under the intermediate portion to be adjustable from the top to the bottom of the device and vice versa and longitudinally thereof so that any one of the guides can be located in an adjustable manner over the elongated opening in the bottom plate.

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