

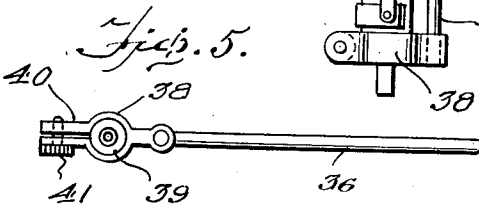
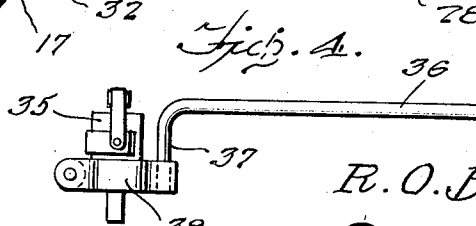
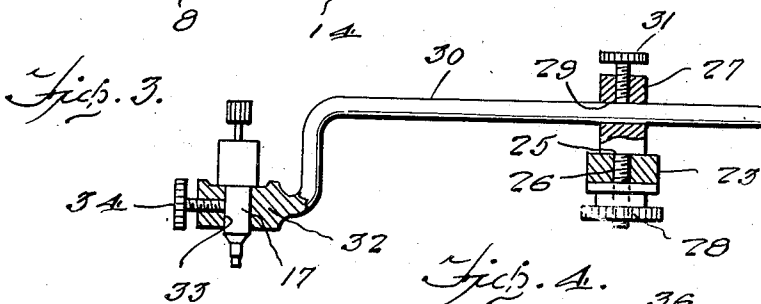
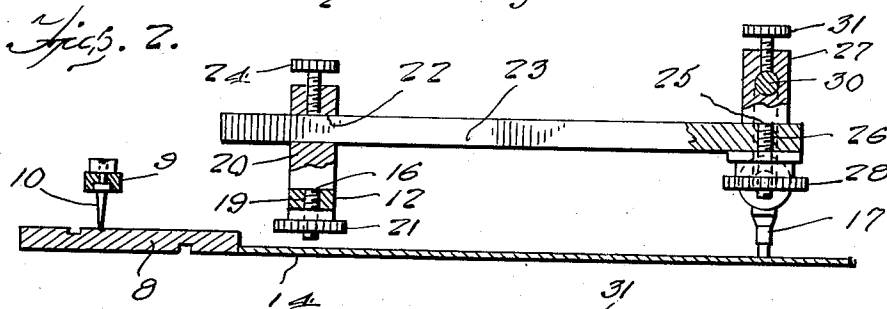
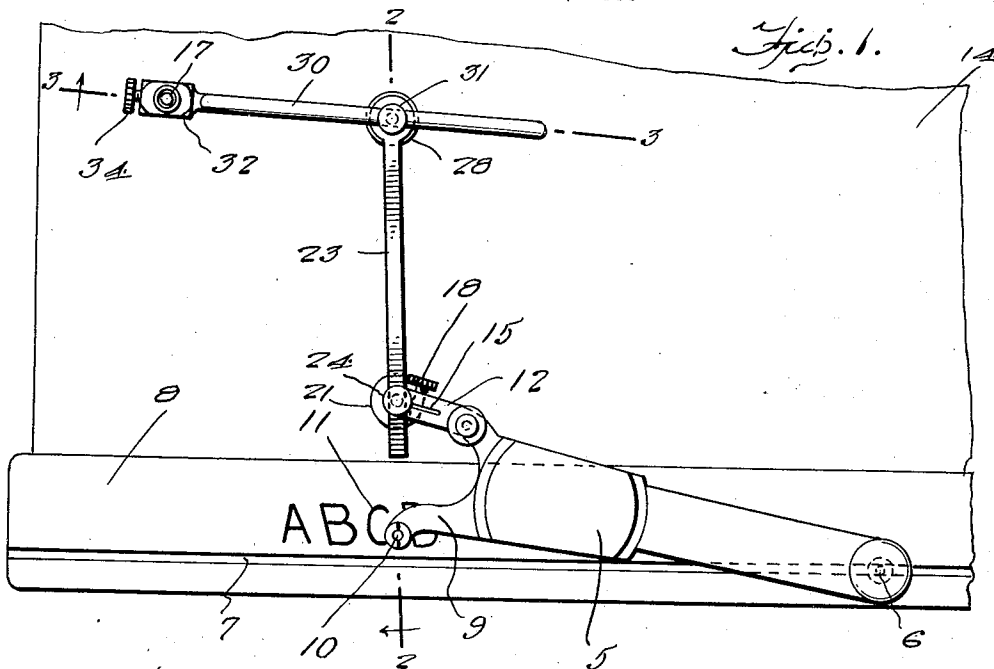
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2,213,120

ATTACHMENT FOR LETTERING SCRIBERS

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ATTACHMENT FOR LETTERING SCRIBERS

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1 Claim. (Cl. 33—23)

The present invention relates to scribes of a type designed for reproducing letters from a template and has for its primary object to provide an attachment by means of which various type, sizes and styles of lettering may be reproduced by the scribe from a single template.

More specifically, the invention relates to scribes of the type disclosed by Letters Patent No. 2,050,058 wherein one end of the scribe is provided with a guide pin for slidable movement in a longitudinally extending groove formed in the template while the other end of the scribe is provided with a pair of longitudinally extending arms, one of which is equipped with a guide pin adapted to ride in the groove forming the letters on the template while the other arm is adapted for having the pen attached thereto for reproducing said letters during the movement of the scribe while tracing the letter on the template.

In scribes of the character mentioned above it is necessary to provide a separate template for each size and style of letter to be reproduced, and it is accordingly an object of the present invention to provide an attachment for the type of scribe above referred to embodying an adjustable construction by means of which various types and sizes of lettering may be reproduced from a single template.

A still further object is to provide an attachment of this character of simple and practical construction, which is efficient and reliable in performance, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction and operation as more fully hereinafter described and claimed, reference being had to the accompanying drawing forming part hereof, wherein like numerals refer to like parts throughout, and in which—

Figure 1 is a top plan view showing the attachment in position for use upon the scribe,

Figure 2 is a sectional view taken substantially on a line 2—2 of Figure 1,

Figure 3 is a sectional view taken substantially on a line 3—3 of Figure 1,

Figure 4 is a side elevational view of a modified form of pen supporting arm adapted to accommodate a larger size needle, and

Figure 5 is a top plan view thereof.

Referring now to the drawing in detail, the numeral 5 designates the scribe of conventional construction which includes the guide pin 6 at one end thereof adapted for longitudinal sliding

movement in the groove 7 of the template 8 while the other end of the scribe is provided with an arm 9 equipped with the guide pin 10 adapted to ride in the channeled letter 11 formed in the upper surface of the template.

The scribe also includes the pen attaching arm 12 which has a supporting leg 13 for resting on the work 14 while the extremity of the arm 12 is bifurcated as shown at 15 and formed with the opening 16 which is adapted to accommodate the barrel 17 of the pen.

The scribe 5 is designed for using the pen 17 by placing the same in the opening 16 and clamping the pen in position by the set screw 18. However, in using the attachment forming the present invention, the pen 17 is removed from the opening 16 and within the opening a screw 19 is freely positioned having a block 20 formed at its upper end and having a nut 21 threaded on its lower end for binding against the arm 12 to secure the block against movement on the end of the arm.

The block 20 is formed with a horizontal bore 22 of square-shaped formation within which a link 23 of complementary cross sectional contour is slidably positioned and adjustably held by a set screw 24. One end of the link 23 is formed with a vertical opening 25 within which a screw 26 is loosely fitted which is also formed at its upper end with a block 27 and provided at its lower end with a nut 28 for securing the head 27 against movement on the link 23. The block 27 is also formed with a horizontal bore 29 within which is slidably positioned a pen supporting arm 30 and adjustably secured by a set screw 31.

The outer end of the pen supporting arm 30 is off-set downwardly and provided with a head 32 having a vertical bore 33 therein adapted to accommodate the barrel 17 of the pen which is held in position by a set screw 34.

In cases where it is desired to use a larger sized pen of the style designated at 35 in Figures 4 and 5, the pen supporting arm 36 is provided with a down-turned extension 37 to which is secured a clamping head 38 having the pen accommodating bore 39 therein, the head being provided with a split extension 40 adapted to be drawn together by a set screw 41 for clamping the head against the pen to firmly secure the same in position.

From the foregoing it will be apparent that the inner end of the link 23 is held against bodily turning movement, but at the same time may swing horizontally relative to the work by reason of the swivel mounting of the head 20 carried by the arm 12. At the same time the link 23 is ad-

justable longitudinally on the arm 12 and the pen supporting arm 30 is likewise adjustable longitudinally on the outer end of the link 23 and is also adapted for horizontal swinging movement on the outer end of the link.

5 The pen supporting arm 30 is preferably round shape in cross section and by reason of the downwardly off-set head 32 at the free end thereof the weight of the head and the pen 17
10 will cause the pen to be maintained in an upright position while adjusting the arm longitudinally in the head 27.

It will be apparent from the foregoing that the lettering may be reproduced on the work 14 in
15 any desired number of rows by the proper adjustment of the link 23 and pen supporting arm 30 without necessitating the substitution of the template 8 or requiring the removal of the same from its original position on the work.

20 Furthermore, the pen may be swung into a position for reproducing letters on work below the scriber 5 whereby letters inclined oppositely from that formed on the template may be reproduced.

It will further be apparent that by changing the position of the outer end of the pen supporting arm 30 relative to the guide pins of the scriber, that letters of different size may be reproduced from the same sized template.

5 It is believed the details of construction and manner of use of the attachment will be readily understood from the foregoing without further detailed explanation.

Having thus described the invention what I
10 claim is—

An attachment for lettering scribes of the class described comprising a pivotal member having a threaded stem projecting therefrom and
15 freely mounted in the scriber for horizontal pivotal movement thereon, a clamping nut threaded on the stem for securing the member in its pivotally adjusted position, a horizontal bore in the member, a link having one end slidably mounted
20 in the bore, a pen supporting arm and a second pivotal member at the other end of said link slidably and pivotally connecting the inner end of the arm thereto.

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