

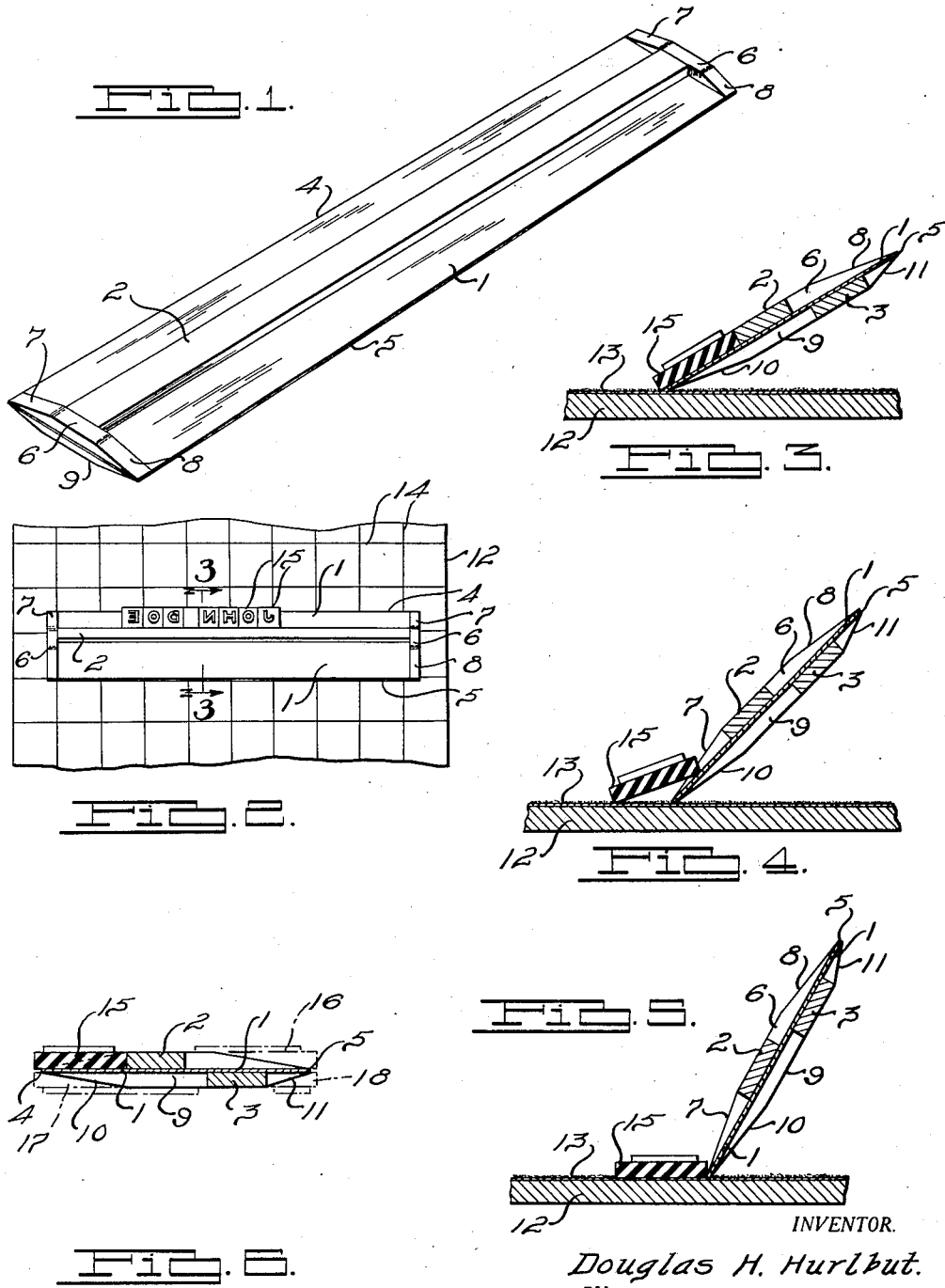
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TYPESETTING BAR

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TYPESETTING BAR

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This invention relates to typesetting bars and the object of the invention is to provide a bar for setting type on a type bed and arranged so that the type may be set up on the bar and then readily transferred to the type bed by tilting the bar.

Another object of the invention is to provide a typesetting bar in which the type will extend over the edge of the bar when positioned thereon so that the overhanging edges of the type may be positioned in contact with the type bed and the typesetting bar may then be withdrawn from beneath the type to allow the type to rest on the type bed in the same arrangement as when positioned on the typesetting bar.

A further object of the invention is to provide a typesetting bar which may be utilized with several different sizes of type and which is equally efficient with any of the several sizes.

Another object of the invention is to provide a typesetting bar for use in combination with a ruled type bed on which a transparent adhesive surface has been applied, the rulings on the type bed allowing the proper positioning of the typesetting bar in order to deposit the type at the desired point on the type bed.

A further object of the invention is to provide a metal typesetting bar having stops at the ends which are beveled to allow ready withdrawal of the typesetting bar from beneath the type as the type is deposited on the type bed.

These objects and the several novel features of the invention are hereinafter more fully described and claimed and the preferred form of construction by which these objects are attained is shown in the accompanying drawing in which—

Fig. 1 is a perspective view of a typesetting bar embodying my invention.

Fig. 2 illustrates the use of the typesetting bar in setting the type on the type bed.

Fig. 3 is an enlarged section taken on line 3—3 of Fig. 2.

Fig. 4 is a similar section showing the typesetting bar being removed from beneath the type.

Fig. 5 is a similar section showing the typesetting bar completely removed from beneath the type and the type resting on the adhesive surface of the type bed.

Fig. 6 is a section through the type bar showing one row of type in cross section and illustrating in dotted lines the other different sized type which may be positioned on the type bar.

The typesetting bar comprises a thin strip of metal 1 having a thicker metal rib 2 secured to one side thereof and a similar rib 3 secured to the other side thereof as shown in the several figures.

The metal rib 2 is nearer the center of the strip 1 than the metal rib 3 while the rib 2 is nearer the edge 4 of the strip 1 and the rib 3 is nearer the edge 5 of the strip 1. At each end of the rib 2 is a beveled stop member 6 which is preferably secured to the ends of the strip 1 and in the center is of the same height as the rib 2 while the ends 7 and 8 are beveled at an angle which terminates at the opposite edges of the strip 1.

A similar stop member 9 is secured to the other side of the strip 1 at opposite ends of the metal rib 3 and each stop member 9 is provided with beveled faces 10 and 11 which terminate at the opposite edges of the metal strip 1. This device is particularly adapted for use in placing type on a plain or adhesive type bed and the preferred form comprises a type bed 12, shown in Figs. 2 and 3, having an adhesive coating 13 preferably of a transparent adhesive so that rulings 14 may be provided on the type bed and may be seen by the operator through the transparent adhesive coating which may be formed of gelatin or other transparent sticky substances. In the form shown in Figs. 2, 3, 4, 5 and 6, the type 15 are positioned on the strip 1 against the metal rib 2 and the type bases are of sufficient size as to extend over the edge 4 of the strip 1, as shown in Figs. 2, 3 and 6.

In use the typesetting bar is held in the hands by grasping each end of the bar with the type in place thereon. The typesetting bar is then positioned on the adhesive surface of the type bed, and is tilted as shown in Fig. 3, so that the overhanging edges of the type come into contact with the adhesive surface of the type bed. The operator in thus positioning the type is guided by the ruled lines 14 and as the type contacts the adhesive surface of the type bed it tends to adhere to the said surface so that the typesetting bar which does not readily adhere to the adhesive surface may be withdrawn from beneath the type, as shown in Figs. 4 and 5, allowing the type to rest on the adhesive surface of the type bed. The type will then remain in position for inking and printing operations and with this arrangement it will be seen that the type may be readily placed in any position desired on the type bed.

A larger base type 16 may be positioned on the typesetting bar between the metal rib 2 and the edge 5 of the member 1, while still larger type 17 may be positioned between the rib 3 and the edge 4 of the member 1, while smaller type 18 may be positioned on the typesetting bar between the rib 3 and the edge 5 of the member 1. Of course, in using the typesetting bar for setting the type 17 and 18, it is necessary to turn the

bar over in order to position these type on the upper-side of the typesetting bar. In each instance, it will be noted that the type bases extend beyond and overhang the edges 4 or 5 of the typesetting bar so that the edges of the type may be readily brought to contact with the surface of the type bed. It will be noted with this arrangement that the type are set up and properly aligned on the typesetting bar before being positioned on the surface of the type bed and the type are all discharged evenly from the typesetting bar when the bar is withdrawn from beneath the type. The typesetting bar may be used with different type such, for instance, as rubber base type, wood base type and even metal base type when the bases are sufficiently broad as to support the type on the adhesive surface for the inking and printing operations.

While I have described the typesetting bar as used in positioning type on a type bed having an adhesive surface, the bar is equally as efficient in transferring type from the typesetting bar to any type bed having a non-adhesive surface.

In either case, the type is arranged as desired on the typesetting bar and the typesetting bar is then laid on the bed and tilted to bring the overhanging edges of the type into contact with the type bed, at which time, the tilting operation may be continued to withdraw the typesetting bar from beneath the type and allow the type to rest on the type bed in the same arrangement as when positioned on the typesetting bar. This typesetting bar may also be utilized in transferring type to a lock-up device in which the type is locked in position in a chase.

From the foregoing description it becomes evident that the device is very simple and efficient in operation, will not easily get out of order, may be utilized in placing the type either longitudinally or transversely of the type bed or at any angle or position and provides a device which accomplishes the objects described.

Having thus fully described my invention, its utility and mode of operation, what I claim and desire to secure by Letters Patent of the United States is—

1. A typesetting bar comprising a strip of material, a rib intermediate the edges of the strip of material and extending parallel therewith, the distance between one edge of the strip and the rib being greater than the distance between the other edge of the strip and the rib, a rib on the opposite side of the strip off-set in relation to the first rib and having edges extending parallel with the edges of the strip and a stop member at each end of the strip extending to the height of the rib on opposite sides of the strip and the stop members being beveled toward the outer edges of the strip.

2. A typesetting bar for use in positioning type on a type bed, comprising a bar member having a rib spaced from the edge thereof, a series of type positioned on the bar member against said rib and overhanging the edge of the bar member, the arrangement being such that the overhanging

edge of the type may be brought into contact with the type bed and the bar member may then be withdrawn from beneath the type to allow the type to rest on the type bed in the same arrangement as positioned on the typesetting bar.

3. A typesetting bar comprising a strip of material, a rib intermediate the edges of the strip of material and extending parallel therewith, the distance between one edge of the strip and the rib being greater than the distance between the other edge of the strip and the rib, a rib on the opposite side of the strip intermediate the edges of the strip and extending parallel therewith, the distances between the edges of the second rib and the edges of the strip being different than the distances between the first rib and the edges of the strip.

4. A typesetting bar for use with a type bed having rulings thereon and a transparent adhesive surface through which the rulings are exposed to view, comprising a bar member, a series of type positioned thereon with the upper edges of the type overhanging the edge of the typesetting bar, the arrangement being such that by tilting the typesetting bar the overhanging edges of the type may be brought into contact with the adhesive surface of the type bed.

5. A typesetting bar for use in positioning type on an adhesive type bed, comprising a bar member having a way in which type may be positioned, the way being narrower than the type bases so that the type extend beyond the edge of the way, the arrangement being such that by tilting the typesetting bar the overhanging edges of the type may be brought into contact with the adhesive type bed.

6. A typesetting bar comprising a flat strip member having ribs on opposite sides thereof spaced from the edges of the strip member, the rib on one side being off-set in relation to the rib on the other side so that the distance between each edge of the strip member and the adjacent edges of the ribs are different.

7. A typesetting bar having ways of different widths on opposite sides thereof, the ways being open at the edges of the bar and being arranged to receive type of slightly greater width than the width of the respective ways.

8. A typesetting bar for use with type having different width bases, comprising a bar member having open-sided ways of different widths for the different type, the type when mounted in the respective way overhanging the edge of the way.

9. In a typesetting bar, a bar member having an open-sided way in which type may be set, the way being less in width than the width of the type to be used therewith whereby the edges of the type overhang the edge of the bar, the arrangement being such that the typesetting bar may be withdrawn from beneath the type by tilting the same to bring the overhanging edge of the type into contact with a surface on which the type are to be set.

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