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1,483,176

COLUMN GUIDE

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Fig. 1,

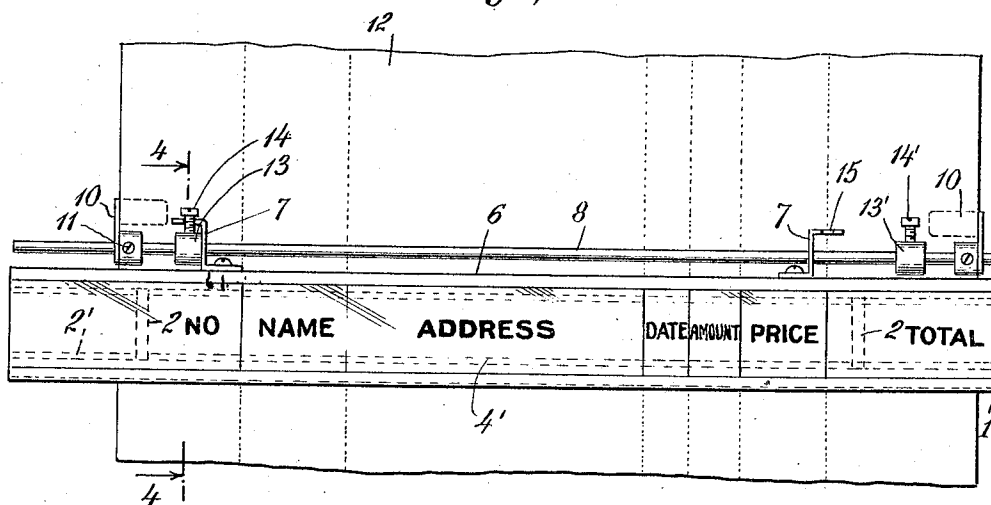


Fig. 2,

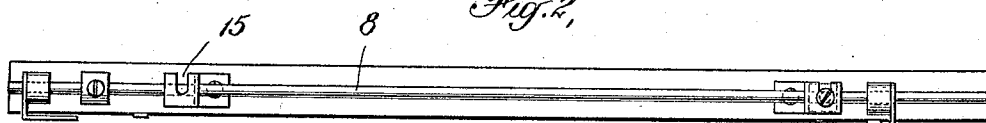


Fig. 3,

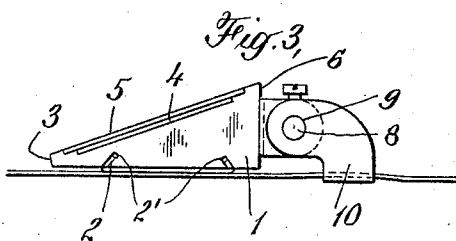


Fig. 4,

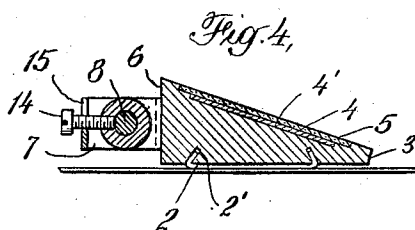
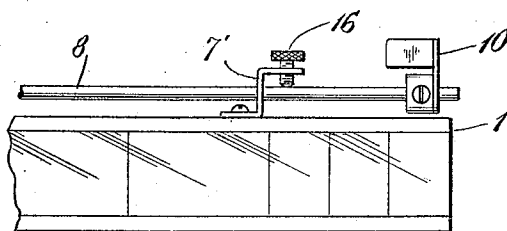


Fig. 5,



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COLUMN GUIDE.

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To all whom it may concern:

Be it known that I, HERBERT ANDREW HENRIKSON, a citizen of the United States, residing at Providence, in the county of Providence, State of Rhode Island, have invented certain new and useful Improvements in Column Guides; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in column guides which are adapted to provide a copy of the column headings in close proximity to the line of writing.

In making entries on a large sheet of paper of any kind having a number of column headings at the top or along one or more edges thereof, or in referring to items listed on such a sheet, it is necessary to spend considerable time referring to the column headings and following down the respective columns to the proper spaces.

By using a column guide, a copy of the column headings may be moved across the sheet into close proximity to any given space or line. This avoids the necessity of spending a large amount of time in following down columns from the headings and entirely eliminates errors due to making entries in wrong columns, or in reading items in wrong columns.

In order that a column guide may be of great utility, it is necessary to provide a means whereby the copy of the column headings may be plainly visible, so that the headings may be read almost without removing the eyes from the particular space in question. It is also necessary to provide a means whereby the column guide is mounted in proper alignment on the sheet, for if the guide is free to be moved out of proper register with the columns, it is worse than useless, for it would then be a source of error. It is also desirable to provide means whereby the alignment devices may be adjusted relative to the device for holding the copy of the column heading so that the column guide may be readily adapted to sheets of any size. The column guide should be made so that it may be moved over fresh ink without blurring.

Accordingly, it is an object of the invention to provide a column guide possessing

all of the above mentioned qualities and numerous advantages which will be apparent from the following detailed description which is to be taken in conjunction with the accompanying drawings.

In the accompanying drawings:

Fig. 1 represents a top plan view of the improved guide as it is used on a sheet of paper;

Fig. 2 is an elevation of the back of the column guide showing the details of construction;

Fig. 3 is an end view of the improved column guide;

Fig. 4 is a transverse section of the improved column guide showing the construction, and

Fig. 5 is a fragmentary view showing a modified construction.

From the drawings it will be apparent that the column guide comprises a base 1 which is preferably wedge shaped, or having an inclined top surface. This base 1, which may be made of wood, composition, or other suitable material, is supported by two or more cleats or runners 2. The base 1 is adapted to be moved across a sheet of paper having column headings at one or more edges. The front edge 3 of the base 1 is preferably beveled to form a ruling edge so that the column guide may be used as a ruler, as well as a means for holding a copy of the column headings. The purpose of the cleats or runners 2 is to provide a means for supporting the base 1 at a distance from the surface of the paper so that the guide may be passed over fresh ink without blurring. The runners 2 are mounted in slots 2' formed on the bottom surface of the base 1, the runners being loosely mounted in these slots so that they may be moved as desired.

The top or inclined surface of the base is provided with a shallow channel 4 which is adapted to receive a strip of thin material 4', such as paper, bearing a copy of the column heading. By thus supporting the strip 4' at an angle to the horizontal the column headings may be more easily read than if the plane of the top surface were horizontal. The strip of paper 4' bearing the copy of the column headings, is preferably held in place in the shallow channel 4 by means of a transparent cover 5 which may be either glass or celluloid. The cover 5 may be held in place in any suitable man-

ner, for example, it may be glued to the base 1 or it may be held in place by suitable cleats.

A bracket 7 is provided on the back edge 6 of the base 1 near each end thereof. These brackets 7 have a portion extending at substantially right angles to the base 1, and have a hole 9 in this portion. A rod 8 is mounted on the brackets 7, the rod passing through the holes 9. The holes 9 are substantially larger than the rod 8 so that the rod may slip through these holes easily. An alignment guide 10 is provided near each end of the rod 8, each alignment guide being fastened to the rod 8 by means of a set screw 11. The alignment guides 10 are adapted to extend under the edge of the sheet of paper, which is shown at 12, in Fig. 1. It is thus apparent that the two alignment guides 10 hold the rod 8 from slipping side-ways. The base 1 may be held stationary with respect to the rod 8 by means of two collars 13 and 13' each of which carries a set screw 14. The set screws 14 are adapted to be inserted in a groove 15 provided in the outer portion of each of the brackets 7.

In the modification shown in Fig. 5 the bracket 7 carries a set screw 16 which is adapted to engage the rod 8 so as to hold the base 1 stationary relative to the rod 8.

From the above description it will be apparent that the base 1, carrying the copy of the column headings, may be adjusted to any position on the sheet 12. This adjustment may be made by means of the collars 13 and 13'. For example, if it is desired to move the base 1, as shown in Fig. 1, to the right, it is merely necessary to loosen the set screw 14 in the collar 13 and slide the base 1, together with the bracket 7 and collar 13, to the right. If it is desired to adjust the column guide for a larger or smaller sheet than that as shown in Fig. 1, one or both of the alignment guides 10 may be moved by loosening the set screws 11 and sliding the alignment guides on the rod 8. If sheets of a given size, but having two definite column arrangements are used, the collar 13 may be set for one column arrangement and collar 13' for the other column arrangement. In this event, when it is desired to change from one type to the other, it is merely necessary to remove the collar 13, for example, from its bracket 7, and slide the rod 8 until the collar 13' engages the slot 15 in the corresponding bracket 7. Thus it is apparent that the base 1 may be displaced with respect to the rod 8 without loosening either of the set screws 14. It is very often desirable to have such an arrangement when the column guide is used with sheets of a loose leaf book, for in this case the margins on opposite sides of a given sheet are not of the same width.

The paper, shown at 12 in Fig. 1, may be

either ruled or unruled, and may be of any convenient size. It may be in the form of sheets, or in the form of a roll.

From the above description it will be apparent that the improved column guide comprises a device which may be used as a ruler, and also as a means for providing a copy of the column headings in close proximity to the line of writing. The column headings are held at a convenient angle for reading, and are adequately protected by means of a transparent covering. The improved guide is supported at a distance from the paper so that blurring is avoided when ink is used. Furthermore, improved alignment guides are provided which are adapted to be adjusted independently of each other. The alignment guides may also be adjusted simultaneously since they are fastened to a common member which may be adjusted with respect to the base which holds the column headings. Furthermore, a means is provided for changing the position of the alignment guides from one given position to another without disturbing the arrangement of the various parts.

It is to be understood that the size and proportions of the various parts may be varied without departing from the principle of the invention which is not confined to the particular embodiments shown and described, but is intended to include such modifications thereof as fall within the scope of the appended claims.

I claim:

1. A column guide for use with ruled or unruled paper, comprising means for holding a thin strip of material bearing column headings, and means carried by said strip holding means for supporting said strip holding means out of contact with the paper.
2. A column guide for use with ruled or unruled paper, comprising means for holding a thin strip of material bearing column headings, alignment guides for engaging the edges of the paper, said guides being adjustable toward and away from each other, and means for moving simultaneously said alignment guides with respect to the strip bearing the column headings.
3. A column guide for use with ruled or unruled paper comprising a solid base having means for holding a thin strip bearing column headings, and runners movably mounted on the bottom surface of said base for holding said base out of contact with the paper.
4. A column guide for use with ruled or unruled paper comprising a solid base having means for holding a thin strip bearing column headings, and runners movably mounted in longitudinal slots in the bottom of said base for holding said base out of contact with the paper.
5. A column guide for use with ruled or

unruled paper, comprising a solid base having means for holding a thin strip bearing column headings, a rod slidably mounted on one edge of said base, and an alignment guide adjustably secured to said rod for engaging the edge of the paper.

6. A column guide for use with ruled or unruled paper, comprising a base having means for holding a thin strip bearing column headings, a rod slidably mounted on one edge of said base, a pair of alignment guides adjustably mounted on said rod, and means for holding said rod in any predetermined position.

15 7. A column guide for use with ruled or unruled paper, comprising a substantially wedge shaped base, means for holding a strip of material bearing column headings, means for supporting said strip holding

means out of contact with the paper, and a pair of alignment guides adjustably mounted on one edge of said base.

8. A column guide for use with ruled or unruled paper, comprising a substantially wedge shaped base having a bevelled edge and a longitudinal channel for holding a strip of material bearing column headings, a strip of transparent material covering the strip bearing the column headings, movably mounted cleats for supporting said base out of contact with the paper, a rod slidably mounted on one edge of said base, a pair of alignment guides adjustably mounted on said rod and means for holding said rod in any predetermined position.

In testimony whereof I affix my signature.

HERBERT ANDREW HENRIKSON.