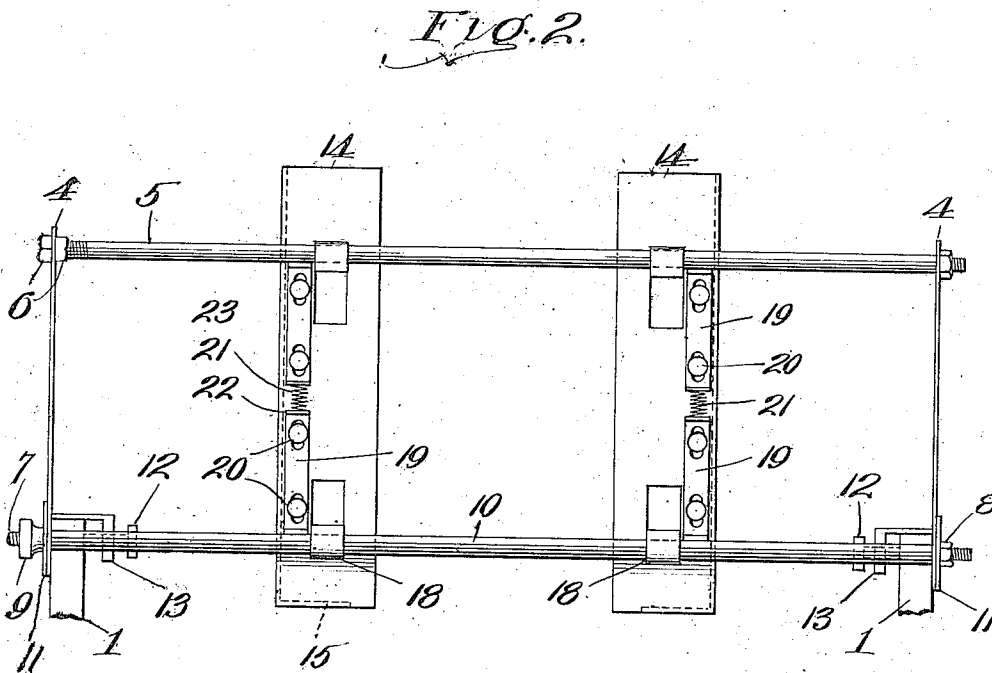
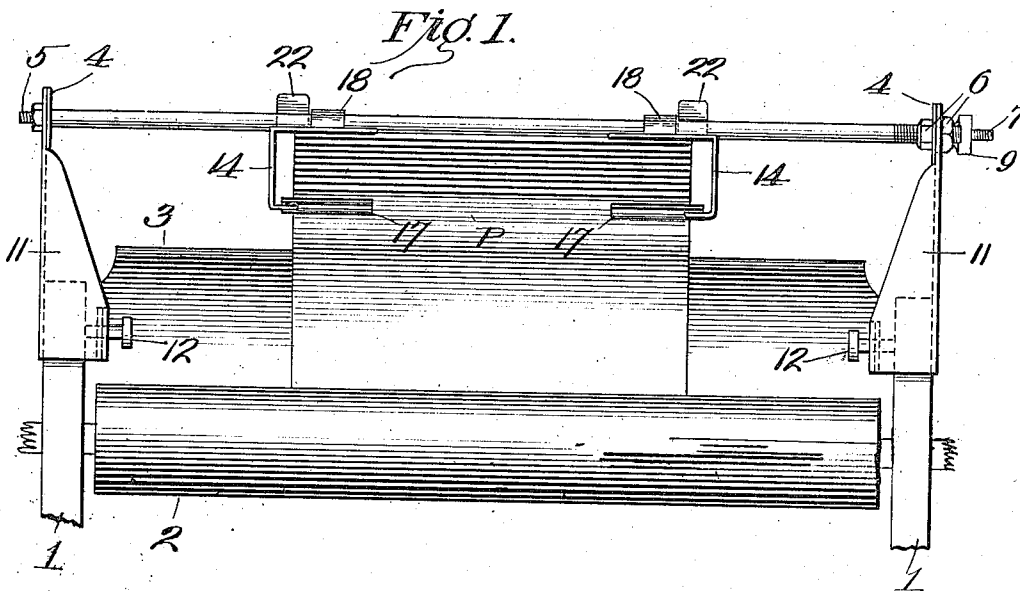


E. D. BENNETT.
 PAPER UNFOLDING AND GUIDING ATTACHMENT FOR TYPE WRITERS.
 APPLICATION FILED AUG. 20, 1917.

1,247,071.

Patented Nov. 20, 1917.

2 SHEETS—SHEET 1.



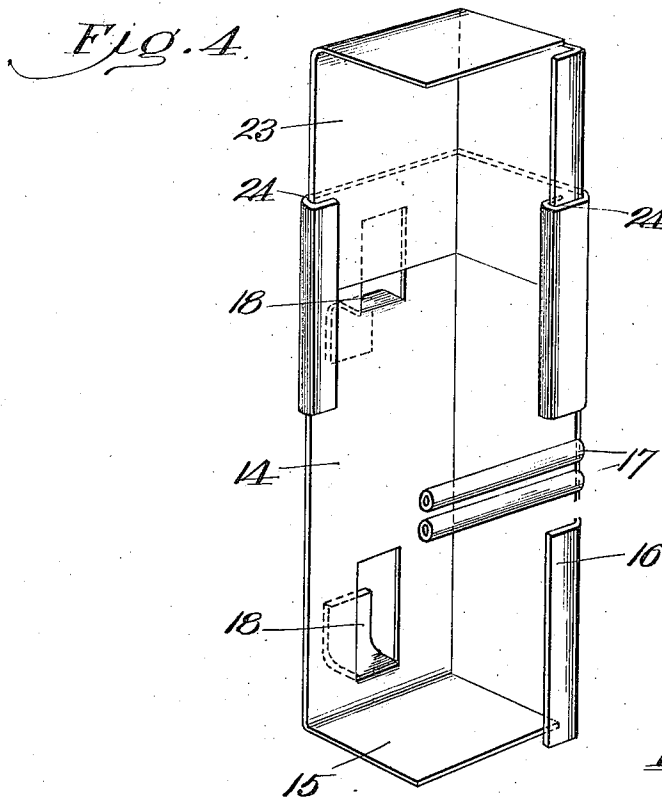
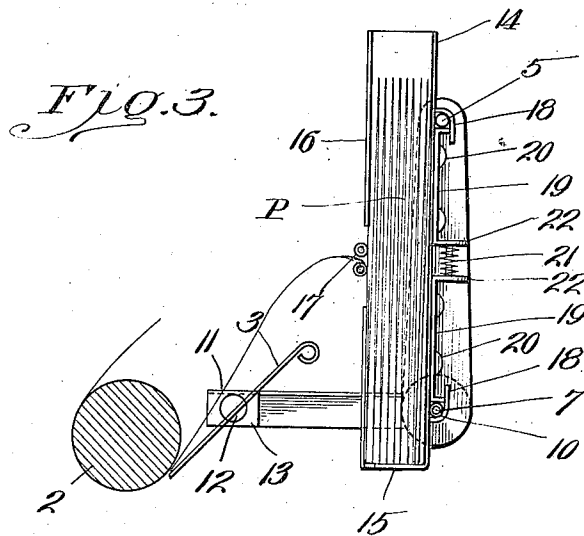
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BY
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UNITED STATES PATENT OFFICE.

EDNY D. BENNETT, OF MOUND CITY, KANSAS.

PAPER UNFOLDING AND GUIDING ATTACHMENT FOR TYPE-WRITERS.

1,247,071.

Specification of Letters Patent.

Patented Nov. 20, 1917.

Application filed August 20, 1917. Serial No. 187,425.

To all whom it may concern:

Be it known that I, EDNY D. BENNETT, a citizen of the United States, residing at Mound City, in the county of Linn and State of Kansas, have invented certain new and useful Improvements in Paper Unfolding and Guiding Attachments for Type-Writers, of which the following is a specification.

10 This invention relates to paper unfolding and guiding attachments for typewriters, and my object is to produce means for facilitating the preparation and forwarding by banks and other institutions, of notices as to the dates on which notes held by the sender, fall due. A further object is to produce an attachment of the character outlined which will perform its function efficiently, can be easily and quickly placed in or removed from position, and is of simple, durable and inexpensive construction.

With these general objects in view the invention consists in certain novel and peculiar features of construction and organization of parts as hereinafter described and claimed; and in order that it may be fully understood, reference is to be had to the accompanying drawings, in which:

Figure 1, is a top plan view of a part of a typewriting machine equipped with an attachment embodying my invention.

Fig. 2, is a rear view of the attachment.

Fig. 3, is a central vertical transverse section of the construction shown by Fig. 1.

Fig. 4, is a perspective view of a part of a modified form of the attachment.

In the said drawings, where similar characters identify corresponding parts in all the figures, 1 indicates the ends, 2 the cylinders or platen, and 3 the usual inclined paper supporting and guide plate of a typewriting machine of any suitable or preferred type.

The attachment is constructed as follows: 4 is a pair of end plates, and extending through said plates is a headed rod 5 equipped with a pair of nuts 6 at opposite sides of one of the plates for the purpose of adjusting the same longitudinally of the rod.

A rod 7 paralleling rod 5, extends through the said plates near the opposite ends thereof, and engaging said rod and the outer sides of plates 4 respectively, are nuts 8 and 9, to

clamp the plates firmly against opposite ends of tube or sleeve 10 fitting on said rod 7. The parts thus described constitute a skeleton rectangular frame.

11 is a pair of angle brackets fitting at their rear ends on rod 7 between nuts 8 and 9 and end plates 4, said nuts thus serving to clamp the angle brackets firmly at right angles, as shown, or at any other angle to said end plates.

The angle plates are adapted to be clamped by clamping screws 12 to parts of the typewriting machine frame. For an Underwood machine, as shown, the angle brackets will fit against the outer and upper sides of the end bars 1 of the carriage frame, and will be provided with depending lugs 13 through which the clamping screws 12 extend to clamp the angle brackets firmly to the carriage frame so as to constitute in effect, a rigid part thereof.

The receptacle for the paper comprises a pair of angle plates 14 adjustable toward and from each other to accommodate folded paper strips P of different width, the two angle plates conjointly constituting a receptacle for the paper. Each angle plate is provided with a bottom 15 whereon the folded paper stands and with a flange 16 extending inwardly from the front margin of its outer wall to overlap the side edges of the paper and prevent the same from bulging out of the receptacle. At a suitable point each of said angle plates is provided with a pair of cylindrical guide pins 17 spaced slightly apart and projecting inwardly from the outer wall, these guide pins permitting the paper to be unfolded and drawn out of the receptacle as the paper is fed by rotation of the cylinder of the typewriting machine in spacing for a new line.

The angle plates 14 which conjointly constitute the receptacle, are formed with upwardly and with downwardly facing hooks 18 for engagement with the rod 5 and sleeve or tube 10, and to clamp said angle plates to said rods each angle plate is provided with a pair of slidable clamping jaws 19 having pin-and-slot connections at 20 with the plates and yieldingly advanced by springs 21, the pressure of said springs holding said rods respectively clamped in said hooks.

The inner ends of the slide clamps are provided with outwardly projecting finger grips 22, so that an operator can grasp adjacent grips and by applying pressure thereon withdraw the clamp plates from engagement with their respective rods and then slide the corresponding members of the receptacle inwardly or outwardly to accommodate narrower or wider paper.

The paper is preferably folded accordion like, and is slipped into the receptacle so as to rest upon the bottoms 15 thereof and be overlapped by the flanges 16 and guide pins. The free or front end is then fitted through the spaces between said pins and then downwardly to and between the paper guide plate 3 and the platen or cylinder 2, so that the operator of the machine can type or imprint upon the paper any desired data, such as the name of the person to whom the notice is to be sent and the date when the note or interest thereon falls due, etc.

It is preferable that these notices shall be perforated crosswise at the fold lines of the strip as at P, for convenience in tearing off each notice as it is completed through the imprinting thereon of the data above mentioned.

It will be readily understood that printed notices complete in all respects as to certain data, can be prepared in the shape of folded sheets, and fed to the machine and filled thereon and then detached for mailing, with great rapidity. In the event it is desired to use folded pads of greater length than the receptacle, each member of the latter can be made with a telescopic section 23, which can be readily slid upward or downward to accommodate the length of the pad. For convenience, the sections will be in the form of angle plates fitting against the inner sides of the angle plates 14, and engaging grooves 24 in said angle plates, formed by bending the same along certain of their margins.

For convenience the device is illustrated with the receptacle in an upright position. It may be supported horizontally or obliquely by effecting pivotal adjustment of the frame on the brackets 11. It will also be understood that the distance between the brackets 11 may be changed by adjustment thereof and of standards 4, on the rods 5 and 7, to accommodate the frame to typewriter carriages of different lengths.

From the above description it will be apparent that I have produced a device of the character described which possesses the features of advantage set forth, and while I have described and illustrated what now appears to be the preferred form of the device it is to be understood that I reserve the right to make such changes as fall within the spirit and scope of the appended claims.

I claim:

1. A paper unfolding and guiding attach-

ment for typewriting machines, comprising a suitable frame, and a paper holding receptacle slidably mounted on the frame, and provided with spaced guide fingers between which paper drawn from the receptacle must pass.

2. A paper unfolding and guiding attachment for typewriting machines, comprising a suitable frame, brackets secured to the frame and adapted for attachment to a typewriting machine, and a paper holding receptacle slidably mounted on the frame, and provided with spaced guide fingers between which paper drawn from the receptacle must pass.

3. A paper unfolding and guiding attachment for typewriting machines, comprising a suitable frame, brackets pivotally clamped to the said frame at the desired angle of support, and adapted for attachment to a typewriting machine, and a paper holding receptacle slidably mounted on the frame, and provided with spaced guide fingers between which paper drawn from the receptacle must pass.

4. A paper unfolding and guiding attachment for typewriting machines, comprising a suitable frame, brackets pivotally clamped to the said frame at the desired angle of support, clamping screws carried by the brackets to clamp the latter to a typewriting machine, and a paper holding receptacle slidably mounted on the frame, and provided with spaced guide fingers between which paper drawn from the receptacle must pass.

5. A paper unfolding and guiding device, comprising a frame and a receptacle mounted thereon; said receptacle comprising a pair of angle members independently adjustable toward or from each other and provided with inwardly-projecting pairs of spaced guiding fingers.

6. A paper unfolding and guiding device, comprising a frame and a receptacle mounted thereon; said receptacle comprising a pair of angle members independently adjustable toward or from each other and provided with inwardly-projecting pairs of spaced guiding fingers, and means for clamping the said members to said frame.

7. A paper unfolding and guiding device, comprising a frame and a receptacle mounted thereon; said receptacle comprising a pair of angle members independently adjustable toward or from each other and provided with inwardly-projecting pairs of spaced guiding fingers, and spring-actuated jaws on the said members for clamping the latter at the desired points of adjustment on the frame.

8. A paper unfolding and guiding device, comprising parallel rods, end standards connecting and adjustable along the rods, supporting brackets secured on one of the rods and adjustable thereon with said standards,

and a receptacle adjustably mounted on said rods and provided with pairs of guide fingers for paper drawn from the receptacle.

5 9. The combination with a typewriting machine, of a pair of brackets detachably secured to the carriage frame, a frame pivotally supported by said brackets, and a re-

ceptacle slidably mounted on the said bracket-supported frame and provided with pairs of spaced guide fingers for paper extending from the receptacle to the platen 10 of the carriage.

In testimony whereof I affix my signature.
EDNY D. BENNETT.