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DEVICE FOR INTRODUCING MANIFOLDING SHEETS INTO A TYPING MACHINE

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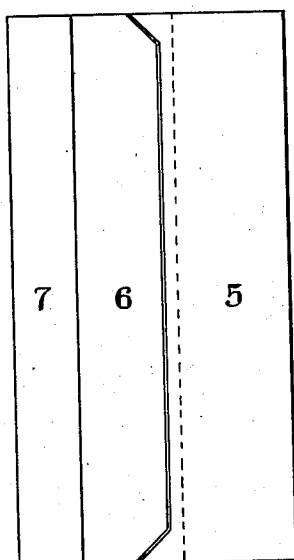


Fig. 1.

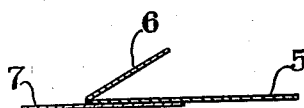


Fig. 2.

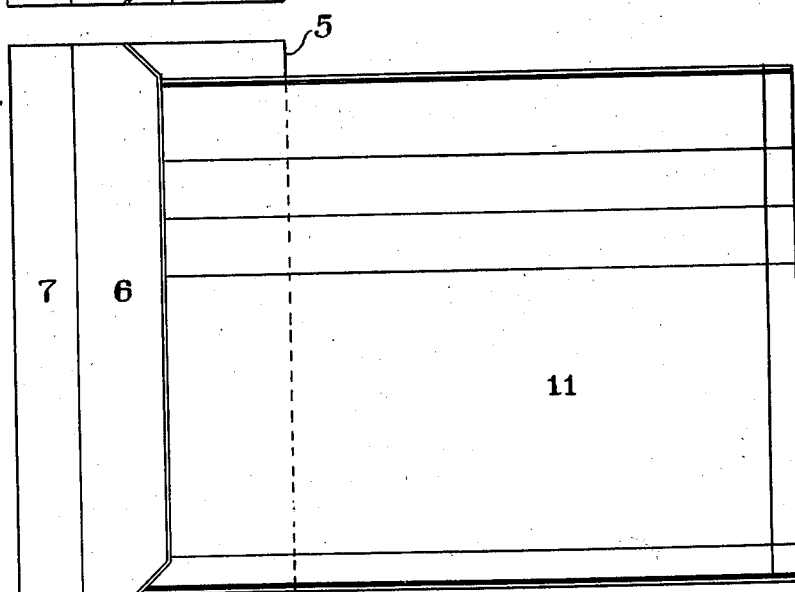


Fig. 3.

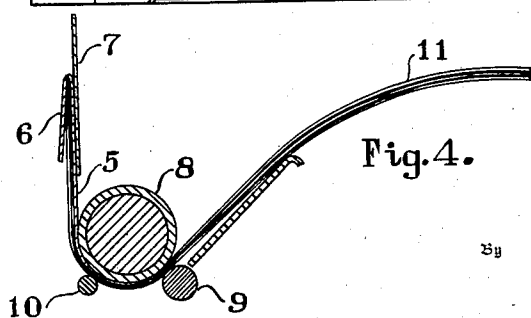


Fig. 4.

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DEVICE FOR INTRODUCING MANIFOLDING
SHEETS INTO A TYPING MACHINE

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1 Claim. (Cl. 282—29)

This invention relates to devices for introducing a plurality of sheets of paper with interposed carbon or manifolding sheets into a typewriter.

In multiplying with a typewriter an original and a copy or copies of the same document, it is important in many instances that data of the carbon copies shall occupy substantially the same position on their sheets as the data typed on the first or original sheet. This is especially true where the sheets upon which the original and carbon copies are to be made are provided with printed columns and/or transverse spaces into which the data is to be typed and copied.

It is well known that where it is attempted to introduce into a typewriting machine having the platen roller and a parallel feeding roller a thick collection of sheets of paper with interposed carbon sheets in duly registered superposition, they inevitably become disarranged and out of register. A variety of devices have been proposed and some patented for holding such sheets in registered arrangement but these have been more or less complicated and expensive and devoid of the advantages of my device as herein-after pointed out. So far as I am aware, prior devices have not been marketably successful.

The object of my invention is to provide a device of simple and economical construction whereby a batch of properly registered sheets can be initially introduced into the typewriting machine and then removed, such introduction of the batch of sheets and carbons being sufficient to insure the retention of the sheets in registered condition by the typewriter rollers after the removal of the introducing device. Other objects of the invention will appear from the disclosure herein.

The invention is embodied in the preferred example thereof herein shown and described, the feature of novelty being pointed out in the claim.

In the accompanying drawing—

Figure 1 is a plan view of the device according to the invention.

Fig. 2 is an edge view.

Fig. 3 is a plan view illustrating assembled carbon and ruled papers applied to the introducing device.

Fig. 4 is a view illustrating in section and somewhat diagrammatically the platen and feed rollers of a typewriter and an edge view of sheets of paper and carbon as the latter may be introduced.

In the views 5 designates the base sheet and 6

a flap thereon preferably integral with the base sheet. The assembled sheets designated 11 of typing and interposed carbon paper are to be inserted ordinarily at their upper ends in properly registered condition to fit in the corner between the base 5 and the flap 6. The ruled sheets as at 11 are typical for listing an inventory of appraised property.

To facilitate the introduction of the assembled and registered sheets into the space between the platen and the feed rollers, the base sheet is provided with an unfolded single ply pilot or introducing member 7 extending beyond the junction of the flap 6 with the base sheet 5, said pilot member being pasted or otherwise secured to the back of the said base sheet 5 so as to provide a pilot of such extension as to be gripped by the feeding rollers well before the contained pack arrives. The advantage in having the flap 6 by folding it on the base sheet and applying the pilot 7 to the back of the base sheet is that the inside of the folded line for the reception of the pack is more certain to be straight and regular than a pasted line.

In practice according to my invention, the base sheet of the introducing device is made shorter in its vertical direction than the sheets to be typed so that the introducing device can be removed from the assembled sheets after they have been led into proper impinging engagement with the platen 8 and feed rollers 9 and 10 as shown in Fig. 4 of the typing machine. After the removal of my said device the typing and carbon sheets can be moved back and forth by manipulating the platen roller as usual to any extent desired and the typing done without the presence of my device in the typing machine. Because of this, typing can be done along the margins of the sheets close to the upper ends thereof.

It is obvious that the sheets to be typed can be placed on the base sheet 5 in reverse of that shown in the drawing, it being important only that care be taken when the thus assembled sheets and my device are inserted in the typewriting machine so that the original sheet shall become the top sheet in doing the work and shall therefore face the operator.

The device is made of good ordinary stout writing paper, the surfaces of which are preferably a little rough thereby tending to prevent slipping of the assembled papers in handling.

I have shown and described herein the preferred form and construction of the invention

but it is obvious that these can be modified without departing from the gist of the invention as claimed.

What I claim is:

- 5 A device wherewith a plurality of sheets of typing and carbon paper can be assembled in registered relation and initially fed into typing position between the platen and feeding rollers of a typewriter, said device including a base
10 sheet of paper having a portion folded upon itself to form a freely movable flap and a gage, and between which folded portion and said base sheet the typing and carbon papers can be inserted and supported in registered relation, and
15 a single ply flexible pilot or introducing member

secured to said base sheet opposite said flap and extending from the junction of said folded portion with the base sheet adapted to be first gripped by the feeding rollers of the typewriter to lead the device and the contained registered typing and carbon sheets into the typewriter between said platen and feeding rollers, said base sheet from the junction of the flap therewith being sufficiently shorter in the vertical direction than the sheets to be typed to permit the removal of the device from the assembled typing sheets and carbon paper and leave them in typing position between said platen and feeding rollers. 5 10

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