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C. L. KELLY

1,743,820

CARBON PAPER HOLDER

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Fig. 1.

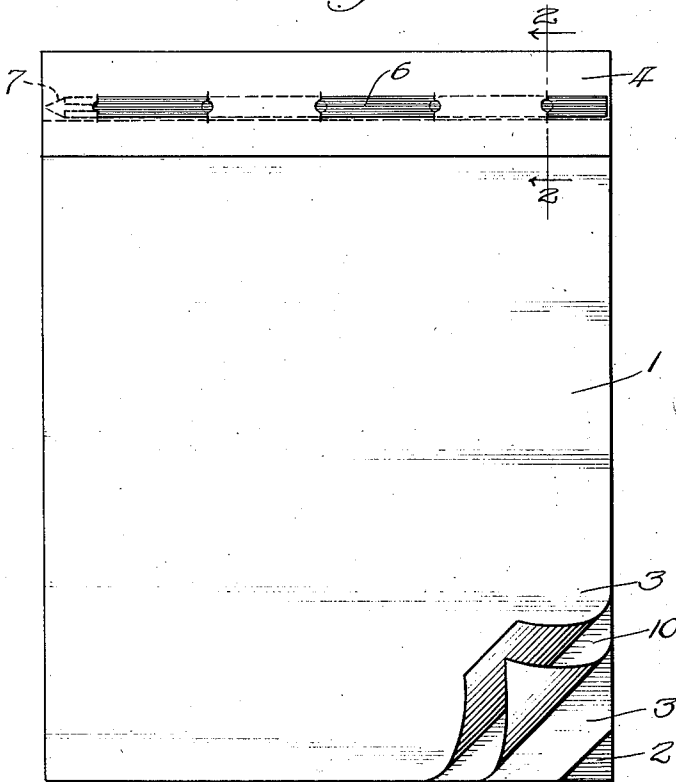


Fig. 2.

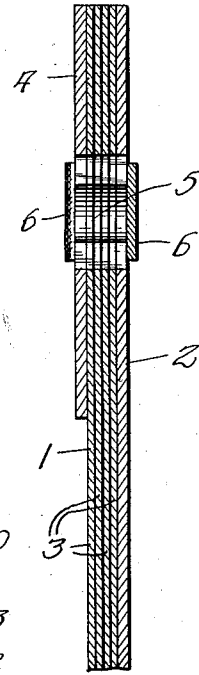


Fig. 3.

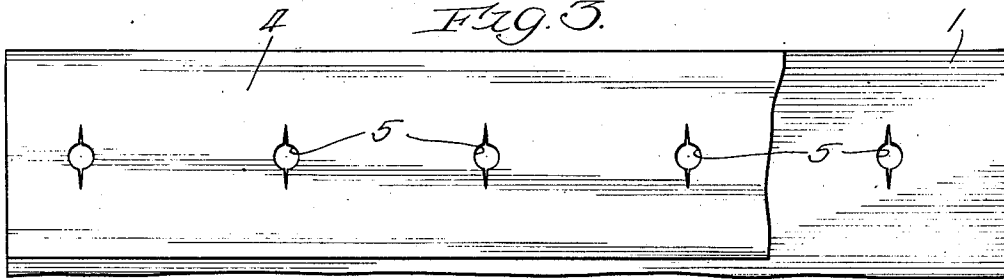


Fig. 4.

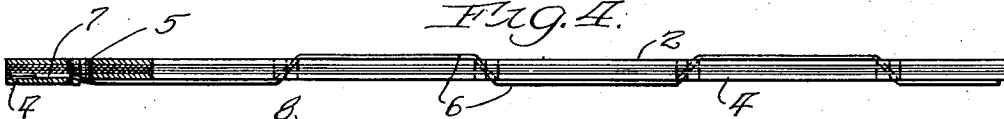


Fig. 5.

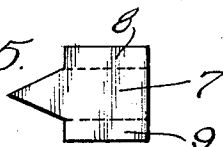
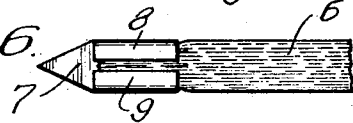


Fig. 6.



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UNITED STATES PATENT OFFICE

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CARBON-PAPER HOLDER

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This invention relates to carbon paper holders for use in typewriting and similar machines and it has for an object to provide a simple and inexpensive construction which will permit the holding of one or more carbon sheets in proper position with relation to the sheet of paper.

Among the objects of my invention are to provide a carbon paper holder for facilitating the introduction into the machine of the holder with any suitable number of carbons and sheets of paper; further to provide a new and improved backing sheet to facilitate the handling of a plurality of sheets of writing paper and carbon paper; further to provide a new and improved means for mounting the carbon sheet when used for copying purposes; further to provide a carbon paper holder of maximum simplicity, efficiency, economy and ease of operation; and such further objects, advantages, and capabilities as will later more fully appear.

My invention further resides in the combination, construction and arrangement of parts illustrated in the accompanying drawings, and while I have shown therein a preferred embodiment, I desire it to be understood that the same is susceptible of modification and change without departing from the spirit of my invention.

In the drawings:

Fig. 1 is a plan view of my improved backing sheet and contents thereof, the top sheet of writing paper having been removed.

Fig. 2 is a vertical cross-sectional view on line 2—2 of Fig. 1, the sheets of writing paper having been removed.

Fig. 3 is a fragmentary view of the carbon paper holder with a portion of the top or front strip broken away.

Fig. 4 is a top edge view showing the means of assembling the backing sheet, top or front strip, and the carbon paper.

Fig. 5 is a plan view of an eyelet or tip adapted for use with the flexible tape for assembling the holder.

Fig. 6 is a plan view of the eyelet or tip as applied to the end of the flexible tape.

Referring to the drawings, my new and improved carbon paper holder is generally

designated at 1, and comprises a backing sheet 2, a series of sheets of carbon paper 3, and a front or top strip 4. The backing sheet is preferably of heavier composition than the ordinary paper and may consist of oiled paper or of other suitable and desirable material, and is generally of the same length as the carbon sheet. Any number of sheets of carbon paper may be inserted, depending upon the number of copies that are desired. A series of spaced openings 5 are provided through the upper strip 4, carbons 3, and backing sheet 2. The configuration of these openings is more clearly disclosed in Fig. 3 of the drawings, the central portions of the perforations being of circular form, the purpose of which is to enable the operator to see that the top sheet and underlying sheets and backing are in their proper relation and position.

The upper strip, carbon sheets, and backing sheet are held together by means of a flexible tape 6 of a length substantially the same as the width of the backing sheet and upper strip. An eyelet or tip 7 is secured to the end of the tape 6 by means of a pair of overhanging portions or flanges 8 and 9. As more clearly disclosed in Figs. 5 and 6 of the drawings, these flanges are adapted to be bent over the tape thereby tightly clamping and holding the tape in position. When the tape has been passed through the perforations 5, the tip 7 is tucked under the upper strip 4 as clearly disclosed in Fig. 4 of the drawings.

The letter paper 10 is inserted between the sheets of carbon paper, the letter paper stopping when the upper end thereof abuts the tape. Any number of sheets of writing paper may be inserted, depending upon the number of sheets of carbon paper that are detachably held in the copy holder. The stenographer can arrange the desired number of carbon papers in this device in the morning, and will not have to change the same throughout the day for any letters requiring the same number of carbons, but all she will have to do will be to insert the pages or sheets of writing paper in their proper places between and over the carbon sheets without hav-

ing to pick up and handle the separate sheets of carbon paper. Thus the device holds the carbon paper in assembled form for its use. If a greater or less number of sheets are desired, this can be effected by removing the tape and adding to or detracting from the number of carbon sheets. The construction readily facilitates the change of the number of carbon sheets and the removal of the sheets of writing paper so that the operator may remove all of the sheets of writing paper at one time without the necessity of retracting each of the sheets of paper separately. A small portion is cut off of the corner of each of the sheets of carbon paper so that all that will be necessary for the retraction of all of the sheets of paper will be that the operator get hold of the corners of the papers and pull them from between the sheets of carbon paper. This construction allows for a great saving of time and further does away with the messy condition that usually results when it is necessary to handle a number of sheets of carbon paper.

The composite construction of the holder facilitates the introduction of the same into the machine with any suitable number of carbons and sheets of paper. The separate elements of the holder are easily and quickly removed for the insertion of a greater number of carbons or for the removal of some of the carbon sheets. By making the upper strip 4 separately from the backing sheet, it is not necessary to have some paper fastening means which in time would break off. The flexible tape and the particular spacing of the perforations provides for a perfect alinement of not only the backing member, upper strip and sheets of carbon paper, but the tape also provides an abutment for the alinement of the sheets of writing paper.

It will thus be seen that my invention has the advantages of cheapness and simplicity, the ease with which the backing sheet and contents can be inserted in the machine and the fact that it holds the writing sheets and carbon sheets in perfect register. The construction allows for the ready insertion of the holder in the typewriting machine and eliminates the difficulty experienced in inserting a plurality of sheets of writing paper and carbon paper simultaneously in a machine and keeping them in register or alinement.

Having now disclosed my invention, I claim:

1. A carbon sheet holder comprising a sheet for backing a plurality of superposed carbon sheets, a transversely disposed top strip located adjacent one end of said backing sheet so as to extend across one face of the last mentioned sheet and the adjacent portions of said carbon sheets, and a flexible member arranged transversely of said backing sheet and having a removably interlaced

engagement with the top strip, the backing sheet and the contiguous portions of said carbon sheets, so that they may be placed in a typewriting machine as a single manifolding unit.

2. A carbon sheet holder comprising a backing sheet for a plurality of superposed carbon sheets, and an interlacing member of flexible material engaging said backing sheet and said carbon sheets so as to maintain them in register, said flexible member being flat so that the holder may be readily inserted in a typewriting machine.

3. A carbon sheet holder comprising a sheet for backing a plurality of carbon sheets, a separate top strip extending transversely across the superposed carbon sheets and backing sheets near one end thereof, and flexible interlacing means for detachably holding said top strip, said carbon sheets and said backing sheets in assembled relation, said interlacing means constituting an abutment to be engaged by sheets of writing paper inserted between said carbon sheets, so that they may all be placed in a typewriting machine as a single unit.

4. A carbon sheet holder comprising a sheet for backing a plurality of superposed carbon sheets, a flat flexible member providing an interlacing means for holding said backing member and said carbon sheets in proper alignment, said flat flexible member constituting an abutment to be engaged by sheets of writing paper so as to facilitate the alignment of said sheets of paper while being placed in position.

In witness whereof, I hereunto subscribe my name to this specification.

CHARLES L. KELLY.