

No. 847,648.

PATENTED MAR. 19, 1907.

C. M. CARNAHAN.
EXPANSIBLE ENVELOP FOR VERTICAL FILES.

APPLICATION FILED JAN. 27, 1906.

Fig-1.

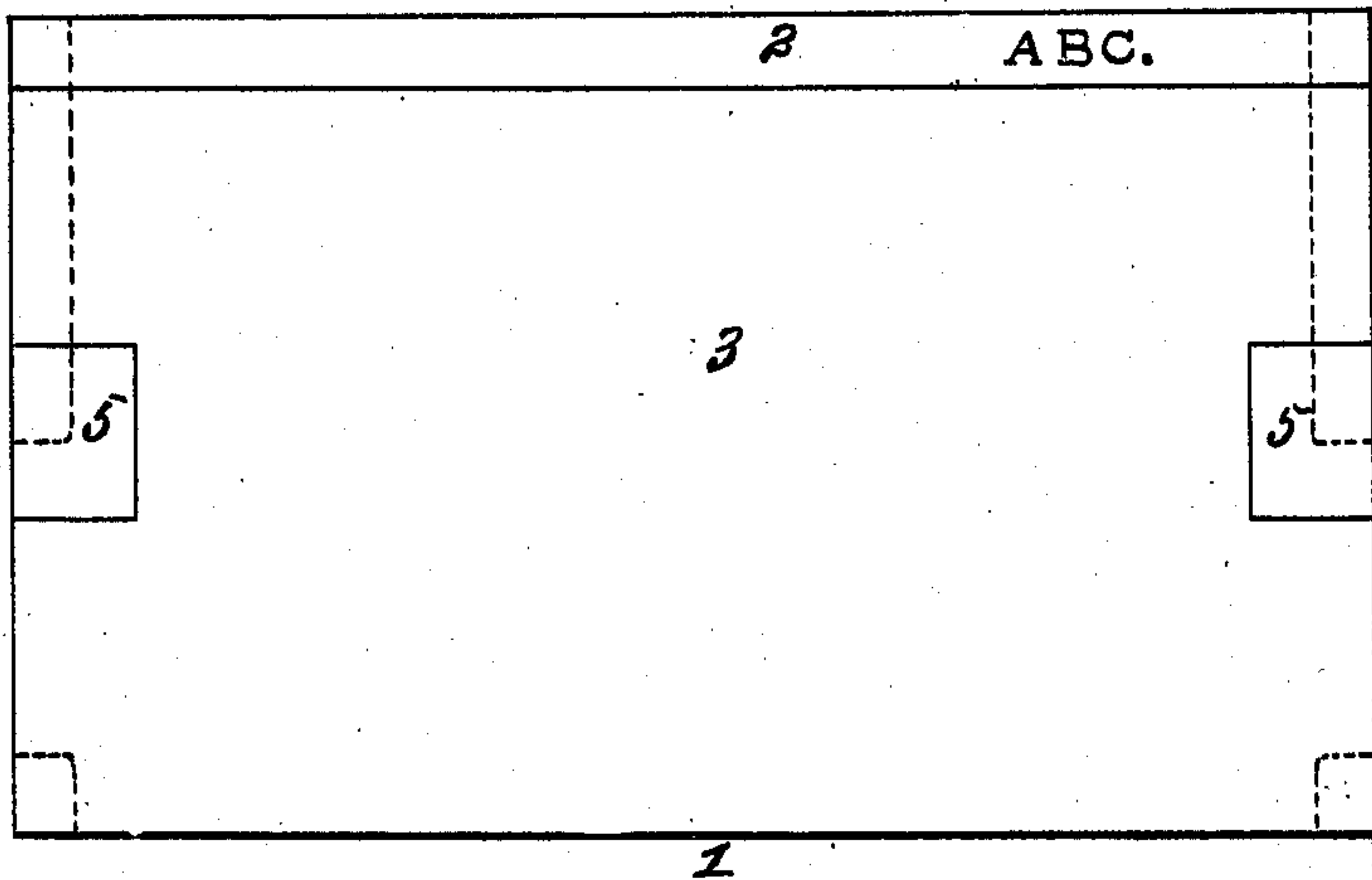


Fig-2.

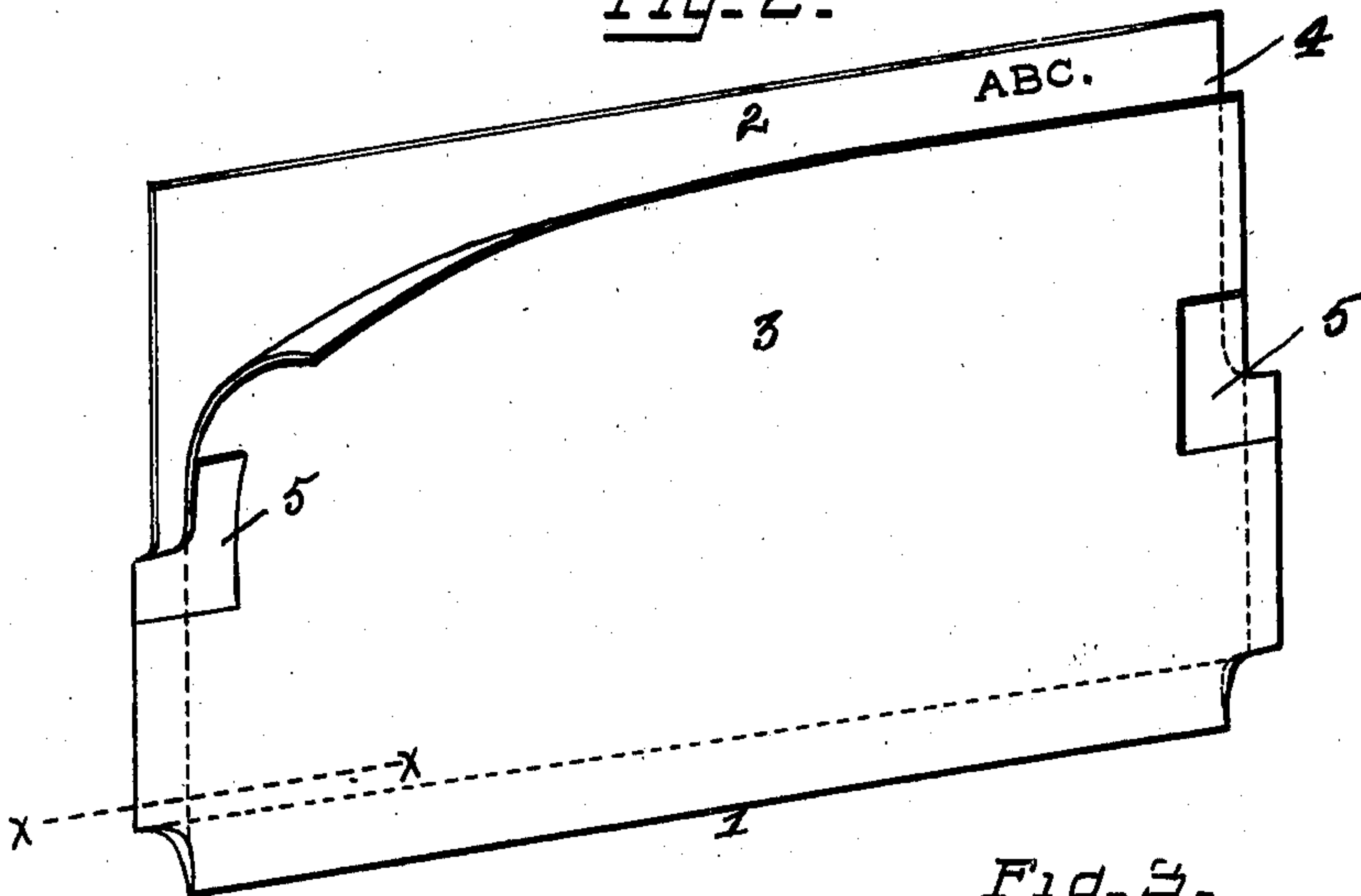
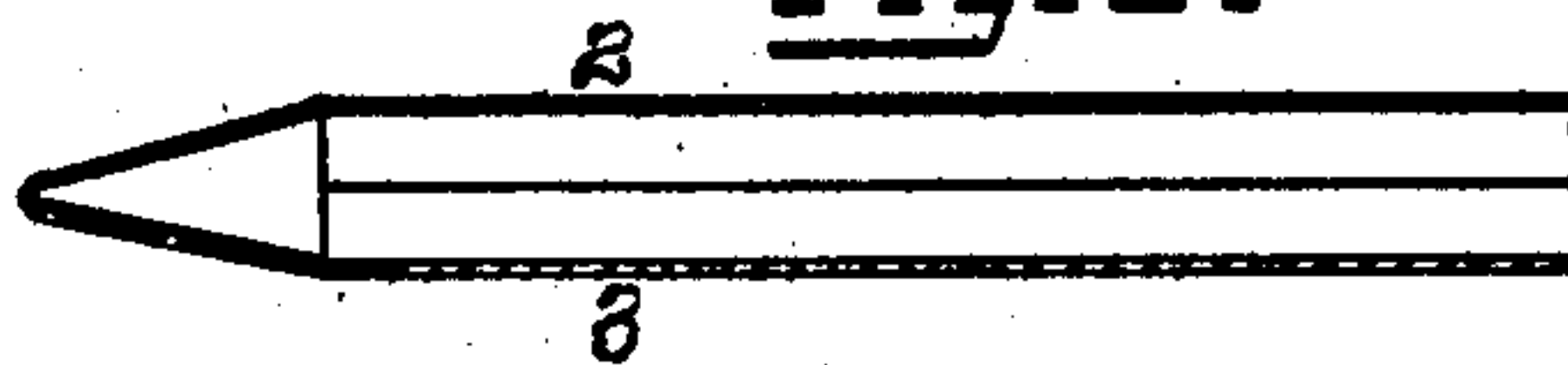


Fig-3.



Witnesses:
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UNITED STATES PATENT OFFICE.

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EXPANSIBLE ENVELOP FOR VERTICAL FILES.

No. 847,648.

Specification of Letters Patent.

Patented March 19, 1907.

Application filed January 27, 1906. Serial No. 298,257.

To all whom it may concern:

Be it known that I, CHARLES M. CARNAHAN, a citizen of the United States, residing at Newport, in the county of Campbell and State of Kentucky, have invented certain new and useful Improvements in Expansible Envelops for Vertical Files, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification.

My invention relates to a class of filing-envelops of the bellows variety and indexed at their top edges for use in filing-cabinets or filing-cases of that class which are now well known to the trade as vertical letter-files and vertical filing-cases; and it has for its object the production of a cheap, simple, and efficient folder or envelop for letters, invoices, or other papers, which may be arranged alphabetically or by date in their proper envelops in the drawer intended to hold them in the cabinet in which the drawer slides and from which the envelops may be removed bodily when filled to a proper index transfer-case, where their contents can be referred to without inconvenience or loss of time.

The novelty of my invention will be hereinafter set forth, and specifically pointed out in the claims.

In the accompanying drawing, Figure 1 is an elevation of a sheet of paper, usually stout Manila, cut into a rectangular blank and folded upon itself and brought into the position ready to be inserted under the die or cutter which completes the folder or envelop. Fig. 2 is a perspective view of the folder or envelop partially opened as in the act of introducing or removing papers therefrom. Fig. 3 is a detail sectional view on the dotted line *xx* of Fig. 2.

The same numerals of reference are used to indicate identical parts in all of the figures.

I take a blank of stout Manila paper rectangular in form and fold it upon itself on a division-line 1, with one top edge 2 projecting above the other top edge, so that the portion 2 of its side or flap is not obscured by the portion 3 of the opposite side when the two sides are folded together, as seen in Fig. 2. I then paste or glue a strip of strong textile material 5, such as linen, around the side edges of both flaps, about half-way between the top and bottom edges thereof. The partial en-

velop thus formed is next submitted to proper dies, which cut off portions of the side edges and down through about half-way of the strips 5 on both sides of the flaps 2 and 3, and also cut out rectangular portions at the side and bottom edges of both flaps, as indicated by the dotted lines in Fig. 1. The cut-out portions of the sides of the flaps on a line coinciding with the vertical cut-out side portions are then creased on the vertical dotted lines of Fig. 2 to form bellows flaps on each side of the envelop, and creases on a horizontal line parallel with the bottom fold 1 of the side flaps are made, as indicated by the dotted lines in Fig. 2, to form a bellows flap at the bottom of the envelop.

It will thus be seen that I have provided an expansible envelop for holding letters or papers in which the two sides may be distended to give as large a space as required or desired without drawing down the top edges of either flap, which is important in filing-cases containing a number of such envelops, and at the same time, by means of the strips 5 which form reinforcing-gussets on both sides and both side edges of the flaps where they are divided from their top edges down to about half-way of the height of said reinforcing-strips 5, I prevent the splitting apart of the envelop at its sides below the cut-out upper portion, which would occur if there were no such reinforcing-strips as these strips 5.

The upper projecting edge of the side flap 2 may be indexed in any suitable manner to indicate the contents of the papers filed therein, and this indexing may be by names of persons, letters of the alphabet, as indicated in the drawing, numerals, or by different colors.

The principal feature of my invention, however, and for which I desire to secure Letters Patent, resides in the location of the reinforcing-strips 5, which embrace both side edges of the envelop both above and below the horizontal division-line of the separated upper side edges of the envelop, so that in handling the envelop hurriedly in taking out or replacing paper the possibility of tearing apart the envelop below the reinforcing-strips is reduced to a minimum and the life or duration of the envelop is increased to the maximum, as will be readily comprehended.

So far as I am aware no one has ever con-

constructed an envelop with reinforcing side strips of the character herein-described, although I am aware that reinforcing-strips of various kinds have been applied to mailing 5 and other envelops, but none in which the reinforcing-strips extended both above and below the upper parted ends of the envelop, thereby leaving at the angle or corner of said strips solid portions, which would prevent the 10 side flaps of the envelop from being torn either downward or horizontally.

Having thus fully described my invention, I claim—

A filing-envelop comprising two side flaps

with bellows folds at their bottom edges and 15 at their side edges below the middle portion thereof with the portions of the side flaps above the side bellows folds left open, and reinforcing-strips of tougher material than the substance of the envelop, secured on each 20 side thereof and extending both above and below the lowest point at which the flaps are left open at their side edges, substantially as described.

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Witnesses:

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