

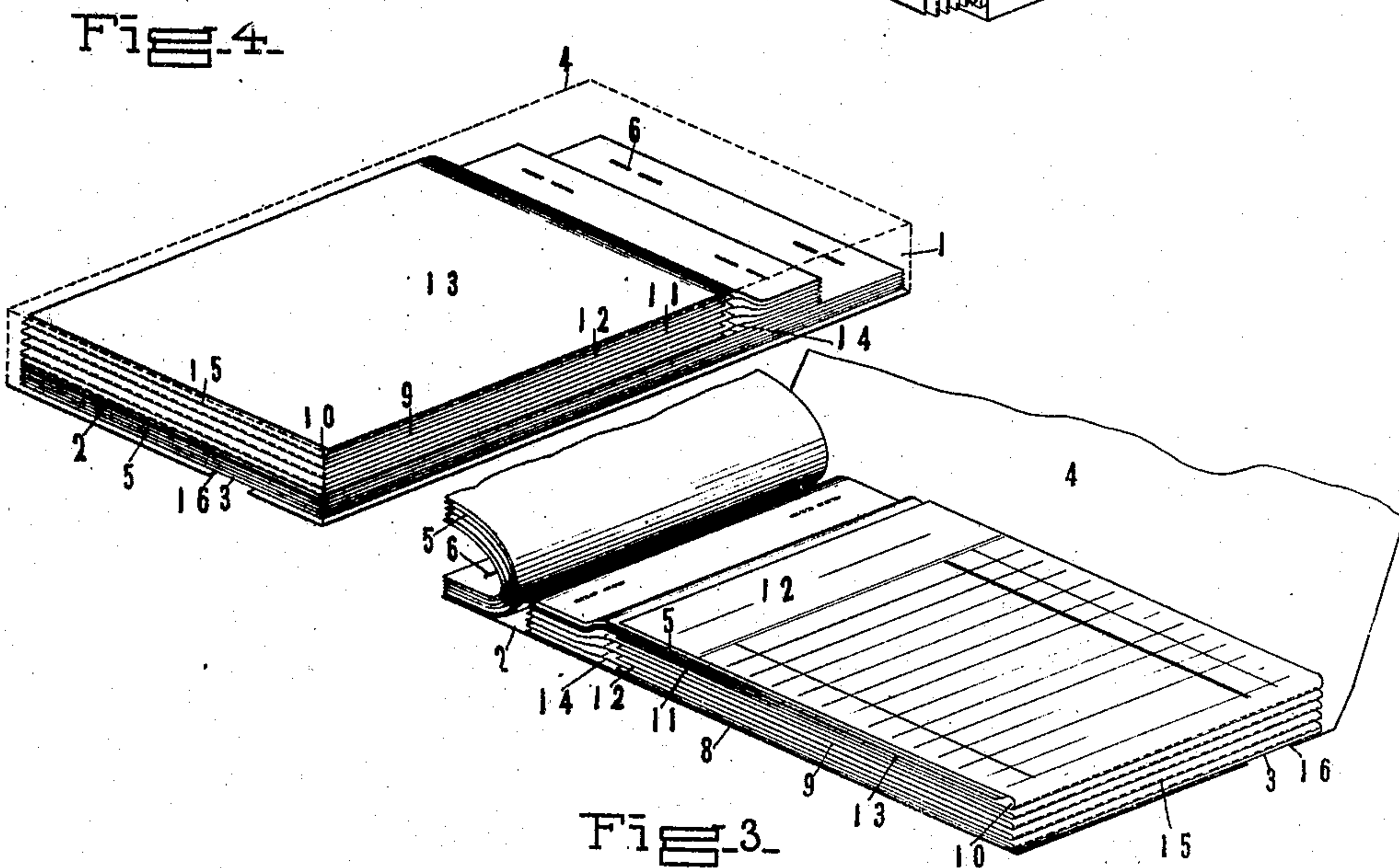
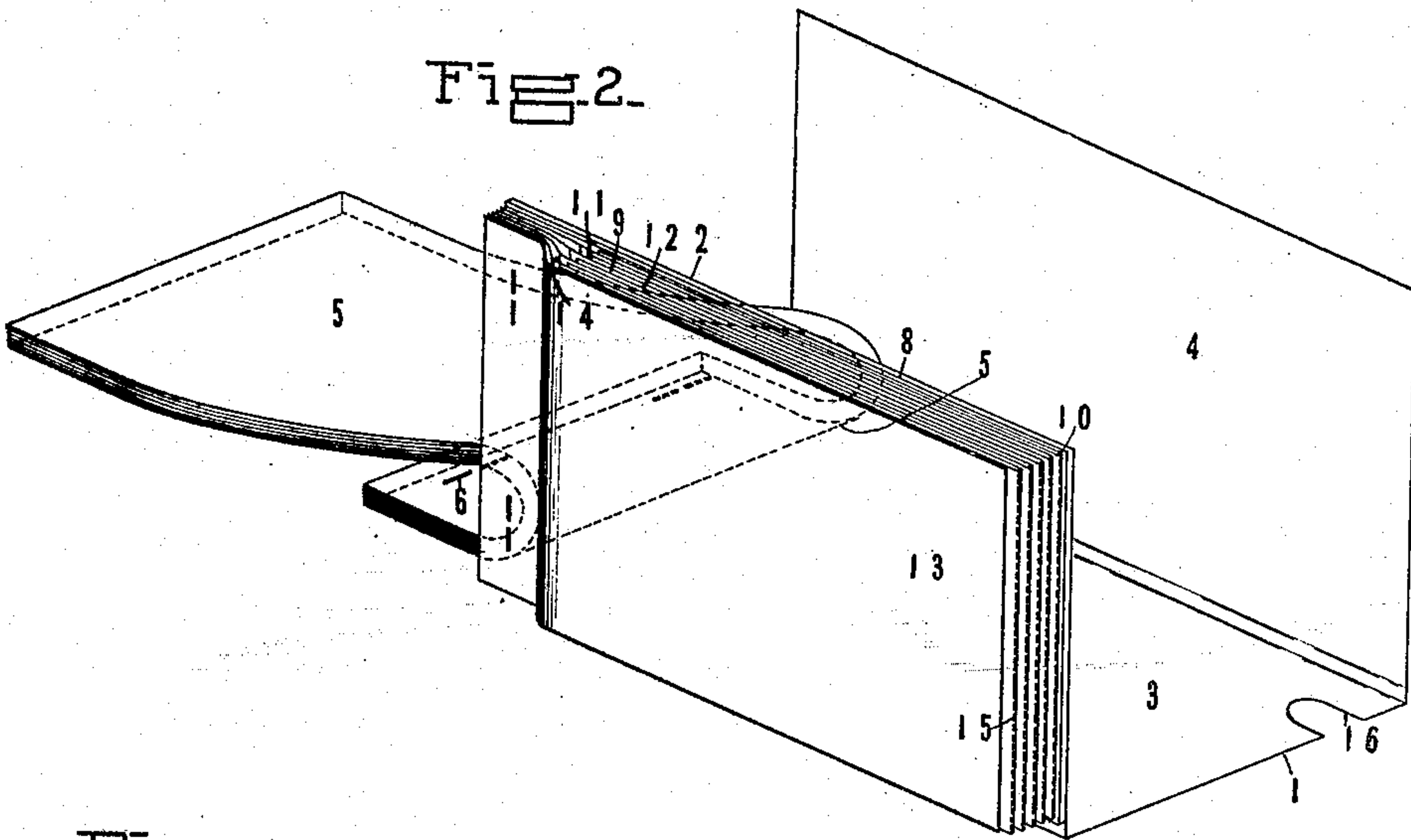
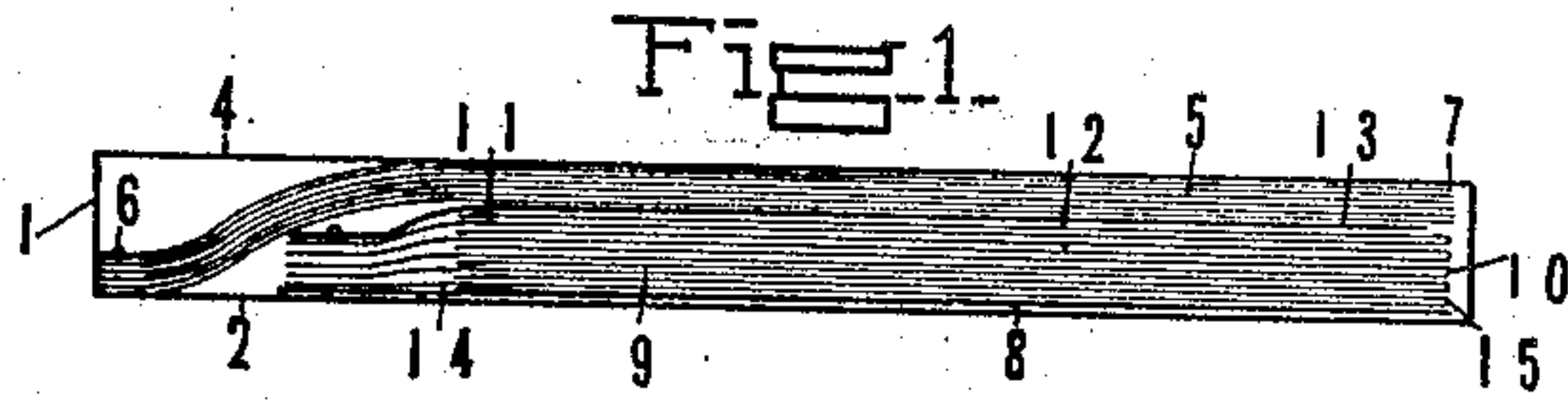
E. K. BOTTLE.

SALES BOOK.

APPLICATION FILED NOV. 26, 1906.

911,865.

Patented Feb. 9, 1909.



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UNITED STATES PATENT OFFICE.

EDWARD KIRBY BOTTLE, OF NIAGARA FALLS, NEW YORK, ASSIGNOR TO THE CARTER-CRUME COMPANY, LIMITED, OF TORONTO, CANADA, A CORPORATION OF CANADA.

SALES-BOOK.

No. 911,865.

Specification of Letters Patent.

Patented Feb. 9, 1909.

Application filed November 26, 1906. Serial No. 345,029.

To all whom it may concern:

Be it known that I, EDWARD K. BOTTLE, residing at Niagara Falls, in the county of Niagara and State of New York, have invented certain new and useful Improvements in Sales-Books, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to manifolding sales-books and the like.

One of the objects thereof is to provide a simple and efficient device of the above nature adapted for convenient and rapid use.

Another object is to provide a device of this nature adapted to stand rough use as well as quick manipulation and remain in good working condition.

Other objects will be in part obvious and in part pointed out hereinafter.

The invention accordingly consists in the features of construction, combinations of elements and arrangement of parts which will be exemplified in the construction hereinafter set forth, and the scope of the application of which will be indicated in the following claims.

In the accompanying drawing, wherein is shown one of various possible embodiments of my invention, Figure 1 is a side elevation thereof; Fig. 2 is a perspective view showing the same at one stage of its manipulation; Fig. 3 is a similar view showing the same in condition for use; Fig. 4 is a similar view showing the device in condition for shipping, certain parts appearing in dotted lines in order to show the construction more clearly.

Similar reference characters refer to similar parts throughout the several views of the drawing.

In order to render clearer certain features of this invention, it may here be noted that in devices of the nature of those herein dealt with, if two or more pads are hinged together and adapted to swing into registry, it is highly important that the bearing be of considerable length in order to assure the swinging of the pad along the desired arc and bring the same to precisely the desired position. This feature is of peculiar importance when the bearing or hinge is merely a fold or bend in paper or the like, as otherwise, under condition of hard and rapid use, the book would quickly break down at this point.

It may also be noted that in the use of manifolding pads, as sales-books, inasmuch as the time of the customer as well as that of the clerk is consumed during the manipulation of the device, a high speed of working is of prime importance, and any changes permitting more efficient use of the hands in manipulation are of relatively great value.

The above and other advantageous features are attained in constructions of the nature of that hereinafter described.

Referring now to Fig. 2 of the accompanying drawing, there is shown a book comprising a member 1 constituting the portions 2, 3 and 4 which are preferably formed integral of heavy Manila paper or the like in such manner as to permit a ready bending without breaking thereof and yet possess the desired stiffness to act as a backbone or frame for the entire book. Upon portion 3 is mounted a pad 5 of thin leaves of paper which are stapled upon this portion as a back at the point 6. This pad is of such length as when resting upon the back 3 to fall somewhat short of the lower edge thereof, as best indicated at 7 in Fig. 1 of the drawing. Upon portion 2 as a back is stapled a second pad 8 comprising a number of leaves 9, each of which is folded upon itself, as at 10, to receive between its component portions 11 and 12 a double-faced transfer sheet 13 preferably stapled to the front face of the pad. Leaves 9 are weakened, as indicated at 14 and 15, in order to permit of their detachment from the book and the separation of their component portions, as hereinafter set forth. The portion 4 of member 1 is adapted to fold over the entire book and act as a protective cover when the same is not in use. It will thus be seen that the member 1 acts as a connecting means for the entire device, holding the parts in proper relation one with another. It will also be seen that certain broad features of this invention are not dependent upon integrality of this element, although many advantages in the matter of simplicity, cheapness and the like, reside in forming the same integral as here shown. At the point 16 the portion 3 is recessed in order to permit the insertion of the thumb or a finger to seize the lower edge of the back 2 of the pad 8 to swing the same laterally, as hereinafter described.

The method of use of the above described embodiment of my invention is sub-

stantially as follows: The parts normally lie when packed, as for shipping, as indicated in Fig. 4 of the drawing, with the pad 5 resting smoothly upon the back 3 and the pad 8 folded thereon and covered by the portion 4. When it is desired to place the same in condition to be used, the pad 5 is raised above the pad 8 and rests thereon as shown in Fig. 1 of the drawing, its upper or stub end projecting considerably above the corresponding portion of the latter pad. If now an entry is to be made, the reversely folded portion 12 of the upper leaf of pad 8 is raised to permit the transfer sheet 13 to be inserted beneath the same, and the latter member is covered by the lowermost leaf of the pad 5, upon which in turn is laid the raised free portion 12 of the upper leaf of pad 8, as shown in Fig. 3 of the drawing. An entry may then be made upon the exposed portion of the upper leaf of pad 8, and this entry is not only transmitted by the transfer sheet 13 upon the main portion 11 of leaf 9, but is also upwardly transmitted to the lower surface of the thin leaf of pad 5, through which the same may be read, and a third copy of the inscription itself retained. Leaf 9 is then detached and its parts separated and one given to the customer and the other sent to the cashier or any other desired disposition made of the same, and the leaf of pad 5 upon which the third copy is formed is permitted to drop beneath the pad 8 upon the back 3, the former pad being raised through the thumb-hole 16 for this purpose, as indicated in Fig. 2 of the drawing. The device may then be folded into the form shown in Fig. 1, and is in condition for further use by a repetition of the above manipulation.

In order to avoid ambiguity in the meaning of the terms "end", "side", "lateral", and the like, in the following claims, it may here be noted that in the device herein shown the direction in which the leaves of the pad 5 swing is considered longitudinally or endwise, and a direction at right angles thereto is considered sidewise or lateral. From this, of course, it follows that the term "end" means an extremity in an endwise direction, and "side" has a like meaning with respect to the lateral direction, as above defined. From this it follows that the stub or, more accurately, bound portion of the pad 5, as the leaves may be bound together in any desired manner, is at the end rather than at the side of the pad, as above defined.

It will thus be seen that I have provided a device in which the several objects of my invention are attained and the above enumerated advantages are, among others, present. By reason of the long bearing of the swinging pad 8, this fold is not only substantially free from chance of breaking, but results in the swinging of the pad back into exactly the desired registering position

without the looseness and essentially invertebrate character of the pads of this general nature in which an end hinge is employed. It will also be seen that not only are the pads fully protected when in closed condition, but the same may be manipulated with the highest speed, the notch 16 contributing materially to the attainment of this end.

As many changes could be made in the above construction and many apparently widely different embodiments of this invention could be made without departing from the scope thereof, it is intended that all matter contained in the above description or shown in the accompanying drawing shall be interpreted as illustrative and not in a limiting sense. It is also to be understood that the language used in the following claims is intended to cover all of the generic and specific features of the invention herein described and all statements of the scope of the invention which, as a matter of language, might be said to fall therebetween.

Having described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. In a device of the class described, in combination, a pad comprising a plurality of leaves bound together at one end each of which is folded upon itself, a transfer sheet adapted to be inserted between the portions of the leaves of said pad, a pad of thin leaves bound together at one end, said end projecting beyond the bound end of said first pad and the leaves of which are positioned and formed to adapt them for insertion between portions of the leaves of said first pad and an integral flexible member secured to the backs of both of said pads and folded upon itself at the side of said pads whereby said first pad is adapted to be swung laterally away from said second pad.

2. In a device of the class described, in combination, a pad comprising a plurality of leaves bound together at one end, each of which leaves is folded upon itself toward said end, a transfer sheet adapted to be inserted between the portions of said leaves, a pad of thin leaves bound together at one end and positioned to permit each of its leaves to be inserted between portions of the leaves of the first pad, and connecting means comprising a portion secured to the back or rear surface of said second pad and a portion secured to the back or rear surface of said first pad, said portions being connected along the side of said first pad to permit the swinging thereof in a lateral or sidewise direction.

3. In a device of the class described, in combination, a pad comprising a plurality of leaves bound together at one end, each of which leaves is folded upon itself toward

said end, a transfer sheet adapted to be inserted between the portions of said leaves, a pad of thin leaves bound together at one end and positioned to permit each of its leaves to be inserted between portions of the leaves of the first pad, and connecting means comprising three portions, to one extreme portion of which said first pad is secured and to the intermediate of which said second pad is secured, said portions being connected one with another to permit said first pad to be swung laterally away from said intermediate portion and to permit the remaining extreme portion to be swung over said pads in folded condition and form a protective covering therefor.

4. In a device of the class described, in combination, a pad comprising a plurality of leaves bound together at one end, each of which leaves is folded upon itself toward said end, a transfer sheet adapted to be in-

serted between the portions of said leaves, a pad of thin leaves bound together at one end and positioned to permit each of its leaves to be inserted between portions of the leaves of the first pad, and connecting means comprising a portion secured to the back or rear surface of said second pad and a portion secured to the back or rear surface of said first pad, said portions being connected along the side of said first pad to permit the swinging thereof in a lateral or sidewise direction, and said second portion being provided with a notch or recess through which said first pad and said first portion may be seized.

In testimony whereof I affix my signature, in the presence of two witnesses.

EDWARD KIRBY BOTTLE.

Witnesses:

JOHN R. DICKSON,
PETER V. KELLER.