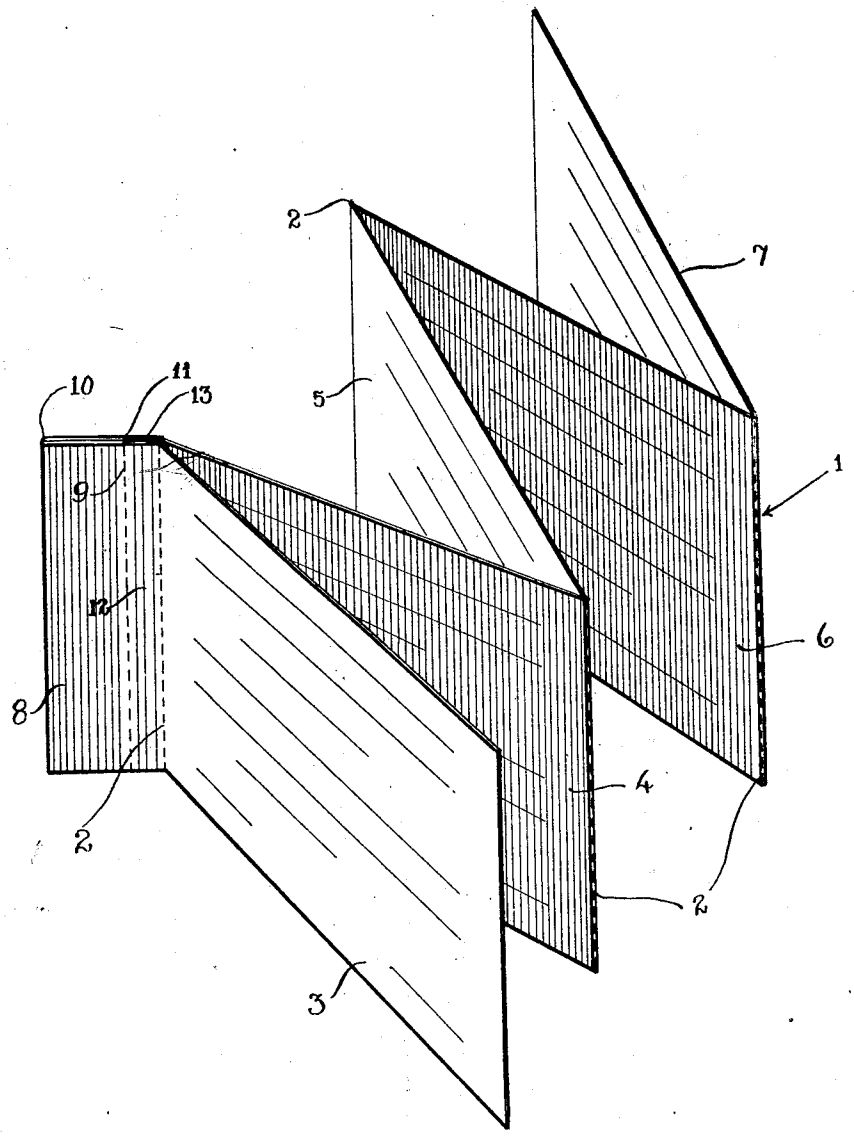
March 10, 1925. 1,528,868

G. A. ACKERMANN

MEANS OF FORMING WAYBILLS

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—FIG-1—

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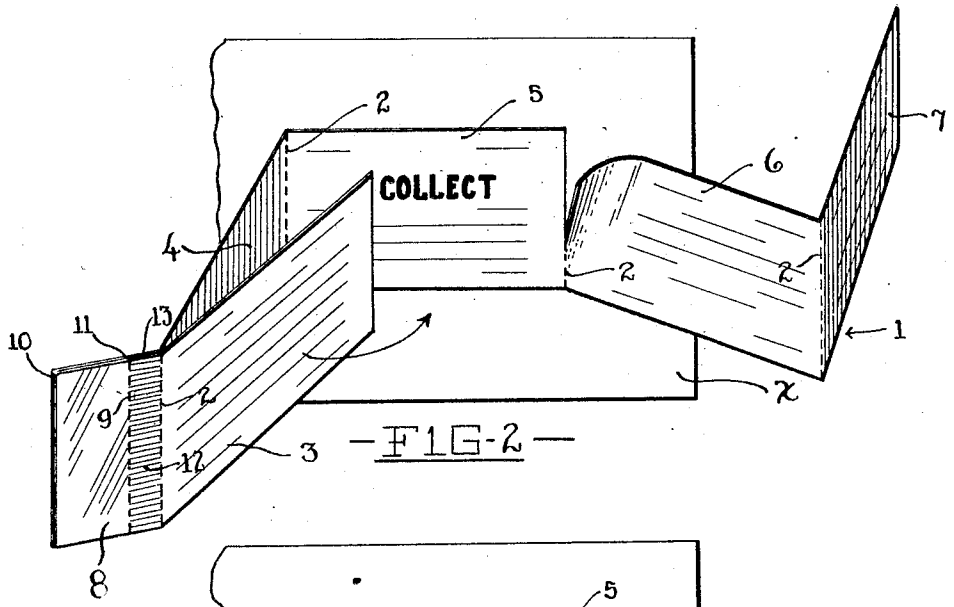
Attorney

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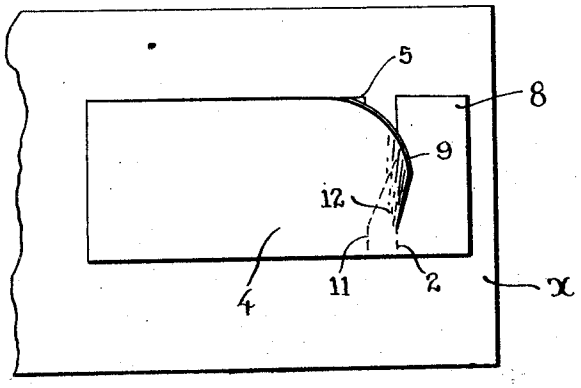
G. A. ACKERMANN

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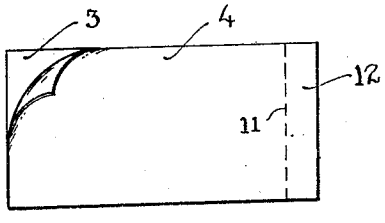
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— FIG-2 —




— FIG-3 —




— FIG-4 —

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Patented Mar. 10, 1925. 1,528,868

# UNITED STATES PATENT OFFICE.

GUSTAVE A. ACKERMANN, OF CHICAGO, ILLINOIS, ASSIGNOR TO G. A. ACKERMANN PRINTING COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

## MEANS OF FORMING WAYBILLS.

Application filed October 17, 1924. Serial No. 744,159.

*To all whom it may concern:*

Be it known that I, GUSTAVE A. ACKERMANN, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Means of Forming Waybills, of which the following is a specification.

My invention has reference, in its broad aspect, to improvements in means for binding together or relatively attaching a plurality of paper, cloth, cardboard or like bodies, of the type exemplified by the provision of relatively detachable elements; and more particularly it is my purpose to provide a device of this character wherein a unitary body is severally and uniquely scored and folded and novelly glued together in parts whereby to provide a plural record or manifolding device, the several elements of which may be handled or disposed of with greater facility than has heretofore characterized other proposed devices of a similar nature.

For the purpose of imparting a clear understanding of the advantageous embodiments of my invention, I have elected, in the present instance, to describe its specific application in conjunction with way-bills, although it possesses no such inherent specific limitation of use in actual practice. The express way-bill now in common use is usually composed of a plurally scored strip of paper stock having five relatively detachable elements. Two of these elements are usually retained by the consignor, and three attached to the consignment, of which one is securely pasted or glued thereto. The remaining two are designed to bear such notations as are required of the consignee when the goods have reached their destination. In practice it has been found that the present methods of disposing of these five elements of a conventional way-bill are cumbersome and susceptible to error or loss of one of the elements, and my invention is especially designed to eliminate these disadvantages and attain other desirable ends not possible with the above defined conventional form of way-bill.

In practice I employ a way-bill comprising a strip of stock scored to provide the usual five relatively detachable major elements of approximately the same size, but between two of these I employ a web member formed with three parallel scores, and adapted to be folded medially on one of the scores to place the two aforementioned major elements in superimposed relationship. Furthermore, the edges of the web between the remaining scores therein and the contiguous two major elements are treated with adhesive substance which, when the web is folded medially, are brought together and constitute a two ply, relatively stiff strip between the two major elements. In the practical application of my way-bill two of the elements are designed to be detached by the consignor, and the next contiguous element is pasted to the consignment, thus leaving the two aforementioned major elements and the web. These last two major elements are then folded over upon the pasted element and the web glued or pasted to the consignment. When the consignment reaches its destination the consignee merely inserts a pencil or other object beneath the ends of the last two major elements to detach them, whereupon it will be found that the stiff glued strip of the web constitutes a binder for them, and from which they may be detached at will.

The structural elements employed to accomplish the above and other results and objects, and the method followed in forming the way-bill and disposing of the elements of the same, will be hereinafter more fully described in detail and specifically pointed out in the claims appended hereunto and forming a part of this specification, but the scope of my invention may only be determined by the limits of the appended claims.

In the accompanying drawings wherein is illustrated one embodiment, and one method of applying my invention;—

Figure 1 is a perspective view of the type of manifolding form constructed in accordance with my invention, and partially opened up to show the manner in which the elements thereof are formed;

Figure 2 is a perspective view of a way-bill constructed in accordance with my invention, and defines what I term the "first operation" in placing it upon a consignment (here shown conventionally);

Figure 3 is a view similar to Figure 2 but showing those elements of my way-bill designed for the consignee under process of being removed, and

Figure 4 is a view of the elements of my way-bill designed for the consignee per se.

In the drawings wherein like characters of reference designate like or similar parts throughout the several views;—

The numeral (1) designates generally a strip of paper or other material which is scored as at (2) in several places to form five major elements (3), (4), (5), (6) and (7) respectively. The strip is so scored that between the elements (3) and (4) is formed a web (8). The web (8) is formed with three parallel scores (9), (10) and (11), and is designed to be folded medially and upon itself on the score (10) so that the scores (9) and (11) will register. The scores (9) and (11), it will be noted, are spaced from and arranged parallel to the scores (2) separating the web from the contiguous elements (3) and (4), and the intervening portions (12) of the web therebetween are provided with adhesive substance (13) on their meeting faces. Thus, when the web is folded the portions (12) are disposed for pasting or gluing together so that to all intents and purposes the web (8) constitutes a distinct unitary element connected by the glued strip (12) to the respective elements (3) and (4) and separating the element (3) from the fan folded elements (4), (5), (6) and (7). Furthermore, the web (8) may be detached from the glued strip (12) through the instrumentality of scores (9) and (11), and by the same token the elements (3) and (4) may be readily detached from the glued strip through the instrumentality of scores (2). It is of course a matter of choice in the application of the foregoing embodiment of my invention how many elements are employed, or their configuration.

As has heretofore been suggested my invention may be applied advantageously to the formation of way-bills, and the novel means and method of so applying it constitutes one of the essential and principal embodiments of my invention. In Figure 2 is shown a way-bill constructed in accordance with my invention. The element (5) constitutes the slip which is directly pasted or glued to the consignment, here conventionally shown at X. The elements (6) and (7) are for the use of the consignee and are shown here in process of detachment on the score (2). The elements (3) and (4) are for the use of the consignor and are designed to be folded over upon the element (5) in the direction of the arrow with the element (3) beneath the element (4). In this position the web (8) assumes the position shown in Figure 3 and is pasted down upon the consignment X. When the consignment reaches its destination the elements (3) and (4) are detached from the web (8) and element (5) along the scores (2). Manifestly they are held together by the glued strip (12) and may be readily detached therefrom through the instrumentality of scores (9) and (11).

The method, therefore, of forming and applying a way-bill in accordance with my invention (as distinct from the details of its construction) consists in five steps; first, forming a separable web between the end and the next adjacent element to the end of a plurally scored strip; second, detaching all but three elements; third, pasting or gluing the third element from the aforementioned end element to the consignment; fourth, folding over and upon each other and upon the pasted element, the end and next adjacent element, and, fifth, pasting the web to the consignment.

While in the foregoing, from which the operation of my invention and method is believed to be apparent, there has been illustrated and described such combination and arrangement of elements as constitute the preferred embodiments of my invention, it is nevertheless desired to emphasize the fact that interpretation of the invention should only be conclusive when made in the light of the subjoined claims.

Having described my invention and its objects with such attention to detail as will thoroughly acquaint one skilled in the art with its construction and advantages, I claim;—

1. A device of the character described comprising a strip of material formed to provide plural foldable and detachable elements, one of the elements being adapted for attachment to a consignment and certain of the remaining elements being foldable thereupon, a web formed between the aforesaid remaining elements, said web being foldable upon itself and plurally scored to provide multiple detachable sections, one of said sections being adapted for attachment to the consignment to retain said remaining elements in place, and the meeting surfaces of the portions of the web constituting the other section being gummed to provide a binder for the said remaining elements whereby to permit of their detachment and use as a unit.

2. A device of the character described comprising a strip of plurally scored material adapted to provide multiple foldable and detachable elements, one of the elements being adapted for attachment to a consignment and certain of the remaining elements being foldable thereupon, a web formed between the aforesaid remaining elements, said web being medially foldable upon itself and plurally scored to provide multiple de-

tachable sections, one of said sections being adapted for attachment to the consignment at a point adjacent to the attached element to retain said remaining elements in place, and the meeting surfaces of the portions of the web constituting the other section being gummed to provide a relatively stiff binder for the said remaining elements whereby to permit of their detachment and use as a unit.

In testimony whereof I affix my signature hereunto.

GUSTAVE A. ACKERMANN.