

UNITED STATES PATENT OFFICE.

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SCRAP-BOOK.

SPECIFICATION forming part of Letters Patent No. 423,836, dated March 18, 1890.

Application filed November 29, 1889. Serial No. 331,954. (No model.)

To all whom it may concern:

Be it known that I, ELLIOTT G. THORP, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Scrap-Books, of which the following is a full, clear, and exact description.

This invention relates to that class of books which have their leaves attached to stubs and the stubs attached to the back or covers, so that the book can lie out flat when opened, and more particularly intended for use for scrap-books; and the invention consists of a book having its leaves folded either singly or in a series, each single fold or series secured at its fold or folds to the front fold of a separate and independent section or stub, the several sections or stubs being folded substantially as shown and arranged to lie one within the other for the desired number of leaves, and the sections or stubs being secured together and to the back or covers at their back folds, all substantially as hereinafter fully described.

In the accompanying sheets of drawings is illustrated the present invention.

Figure 1 is a cross-section of a book constructed according to this invention without the covers and back; Fig. 2, a detail cross-section on line 2 2, Fig. 1; and Fig. 3, a detail cross-section of two of the back sections or stubs opened out and showing their relative positions one to another more clearly.

In the drawings, A represents the leaves of a book in sets or series, each series folded respectively at B and secured by stitches C at such folds to the stubs or back sections D, each series of leaves to the front fold of a stub or section D, the stubs or sections being secured together and by their back folds to the cord E by stitches F, which cords are the usual binding-cords of books, and are secured to the back of the book (not shown) in the usual manner of binding books, as is well known. The stub-sections in the present instance are each composed of two sheets or pieces of paper or suitable sheet material, of the width of the book desired, to extend across the same, and for the better and clearer illustration of the several stubs and their relation one to another two of such stubs G H are shown in section in Fig. 3 as opened out, and

in such figure the sheets of paper for each stub or section are folded at J, one sheet lying within the other and the two being folded at K by a return-bend, then folded back at L, and back again at M. The necessary number of stubs or sections being formed, as described, each folded leaf or series of leaves A are then secured by their folds B, by the stitches C, to the front fold L of its respective stub or section D, and then another section or stub—for instance, stub H—is placed by its fold K in between the two portions *a b* of the fold M and secured through the several thicknesses of each stub by the stitches F to the cord E. Then a third stub or section is laid by its fold K in between the portions *a b* of the fold M of the second stub or section and secured, by its stitches F, to the cord E, and so on to the number of stubs or sections desired, according to the number of leaves or series of leaves for the book. Then the fold K of the first section or stub has preferably placed in its fold a sheet or sheets of paper N, and they are secured with the fold K to the cord E by stitches P, and in the fold M of the other end or last section or stub are secured similar leaves Q to leaves N, which are secured, through the fold M, to the cord E by the stitches R, when the cord E is secured to the back and covers in the usual manner of binding books.

Securing the leaves or leaf-sections to the front fold of each stub-section, substantially as described and shown, enables the book when open to lie out perfectly flat, a much desired advantage, and the folds J of each stub-section secure the necessary filling-pieces to use the book for a scrap-book. The stub-sections can be of more or less number of sheets of paper or material, as well as the leaves can be of more or less number in each series.

The stubs or back sections can be secured to the cord E or to the back or covers in any suitable manner and the leaves to the several stubs, as desired, otherwise than as herein particularly described and shown without departing from this invention, but as herein described and shown is practical and satisfactory.

Having thus described my invention, what I claim is—

- 1. A book having a series of stubs or back sections, each stub or back section independent of the other and each folded and laid one within the other, substantially as shown, and secured together at their back folds to the back or covers of the book, and each section having secured to its front fold one or more folded leaves, substantially as and for the purpose specified.
- 2. A book having a series of stubs or back sections, each stub or back section independent of the other and each folded and laid one within the other, substantially as shown, and

secured together at their back folds to the back or covers of the book by stitches F, and each section having secured to its front fold, by stitches C, one or more folded leaves, substantially as and for the purpose specified.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

ELLIOTT G. THORP.

Witnesses:
 EDWIN W. BROWN,
 CARRIE E. NICHOLS.