Oct. 22, 1929. C. W. BEALE 1,733,048

BLANK BOOK

Filed Nov. 26, 1926

Fig. 1.

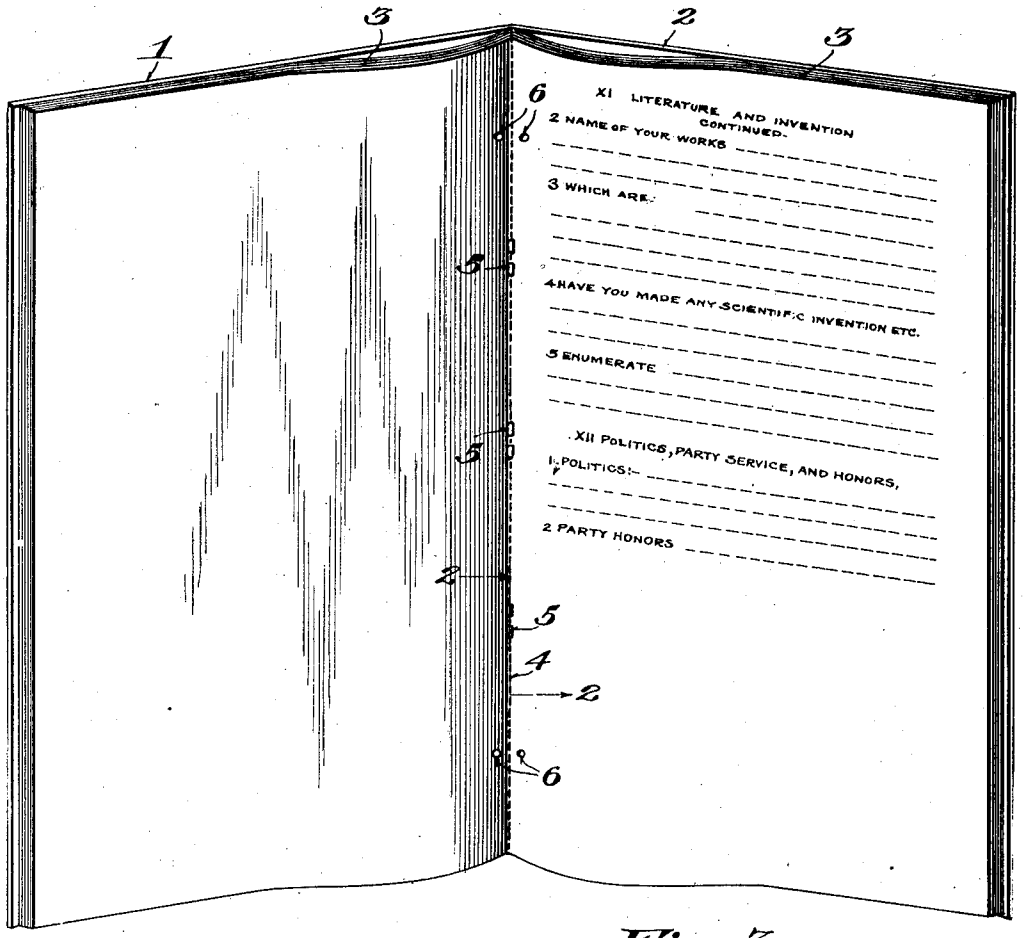


Fig. 2.

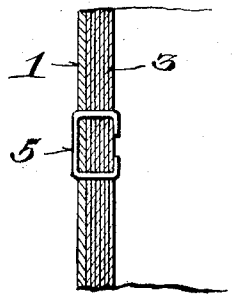
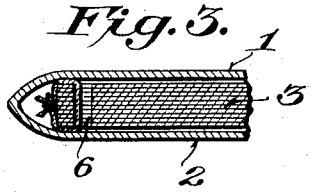


Fig. 3.



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Patented Oct. 22, 1929

1,733,048

UNITED STATES PATENT OFFICE

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BLANK BOOK

Application filed November 26, 1926. Serial No. 150,949.

This invention relates to books and more particularly to blank books having pages which are entirely blank or provided with blank spaces to be filled in.

The objects of the invention are:

First, to enable the convenient removal of the pages of the book from the cover or binder so as to enable the separate and individual use of each page for writing thereon, as by means of a typewriting machine, or for any other purpose;

Second, to enable the removal of the pages of the book without leaving any stubs or loose portions of paper within the cover or binder; and

Third, to enable the convenient reassemblage and fastening together of the sheets or leaves and their return to the original cover or binder.

With these and other objects in view, the present invention consists in the combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawings and particularly pointed out in the appended claims, it of course being understood that changes in the form, proportion, size and minor details may be made, within the scope of the claims, without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing:

Figure 1 is a perspective view of a blank book embodying the features of the present invention.

Figure 2 is an enlarged detailed sectional view taken on the line 2—2 of Figure 1.

Figure 3 is a detailed view of the book after the leaves have been removed and then returned to the cover or binder.

The present book includes a binder or cover made up of a front cover member 1 and a back cover member 2, each of which members may be either stiff or soft and of any desirable material. The book contains a plurality of sheets designated 3, and each sheet is of a size to produce two pages and is provided with a weakened line extending along the middle of the sheet from one edge to the opposite edge thereof, and the sheet is folded along the weakened line so as to form two pages. A plurality of such sheets are detachably secured to the cover or binder at the weakened lined portions thereof. In the present embodiment of the invention, suitable staples 5 are employed to detachably secure the sheets to the cover, the inturned ends of the leg portions of the staples lying within the book and extending in the direction of the line of fold of the sheets. Each page of the book is provided with two or more perforations 6 adjacent the inner edge of the sheet, and the corresponding perforations of the several sheets register when the book is closed.

A blank book constructed as described may remain in its original condition and entries may be made upon the pages thereof by hand in the usual manner. Should it be desired to use the pages individually for any purpose, as for instance for the purpose of making entries by the use of a typewriting machine, the legs of the staples 5 may be straightened, the sheets removed from the back or binder, and the sheets torn along the weakened lines 4 so as to separate the sheets into individual pages. The individual pages may then be handled in any manner, as for instance filed separately, distributed to different places, or entries made thereon by hand or by the use of the typewriting machine. Subsequently the sheets of the book may be reassembled in their original order or in any order and secured together by fastening devices passed through the registered perforations 6, and then the reassembled sheets may be placed within the original cover or binder so as to house and protect the sheets.

In Figure 3 of the drawing, the pages have been shown reassembled and connected together by means of a cord or tape passed through registered perforations of the pages. Of course, any suitable fastening means may be employed and inserted through the perforations.

In view of the fact that the weakened line, along which the sheets are separated, is located midway between opposite edges of the sheet, no stubs or projecting portions of the sheets remain within the cover or binder, and therefore the reassembled pages may be con-

veniently returned to the original cover or binder in exactly the original positions.

The reassembled and connected sheets may remain as a unit loose within the cover or binder or may be pasted or otherwise secured within the cover or binder.

What I claim is:

1. A blank book comprising a plurality of sheets provided with weakened lines extending along the middles of the sheets and dividing the sheets into pages, said sheets being folded along the weakened lines, and detachable fastenings securing the sheets together along the weakened lines thereof, whereby the pages may be removed without leaving stubs by tearing along the weakened lines, said sheets also being provided with registered perforations adjacent the weakened lines for use in rebinding the separated sheets.

2. A blank book comprising a plurality of sheets provided with weakened lines extending along the middles of the sheets and dividing the sheets into pages, said sheets being folded along the weakened lines, and U-shaped staples detachably connecting the sheets at the weakened lines thereof, whereby the pages may be removed without leaving stubs by tearing along the weakened lines, said sheets also being provided with registered perforations adjacent the weakened lines for use in rebinding the separated sheets.

3. A blank book comprising a cover, a plurality of sheets within the cover and provided with weakened lines extending along the middles of the sheets and dividing the sheets into pages, said sheets being folded along the weakened lines, and detachable fastenings securing the sheets together and to the cover and along the weakened lines of the sheets whereby the pages may be removed without leaving stubs by tearing along the weakened lines, said sheets also being provided with registered perforations adjacent the weakened lines for use in rebinding the separated sheets.

4. A blank book comprising a cover, a plurality of sheets within the cover and provided with weakened lines extending along the middles of the sheets and dividing the sheets into pages, said sheets being folded along the weakened lines, and U-shaped staples extending through the cover and the sheets along the weakened lines thereof, whereby the pages may be removed without leaving stubs by tearing along the weakened lines, the sheets also being provided with registered perforations adjacent the weakened lines thereof for use in rebinding the separated sheets.

5. A blank book consisting of a plurality of sheets, each sheet being provided with a pair of perforations, the corresponding perforations of the several sheets being in register and located adjacent and at opposite sides of the middle of the sheets, each sheet being provided with a weakened line extending from the top to the bottom thereof and lying between the perforations of the sheets, and detachable fastenings securing the several sheets together along the weakened lines thereof, whereby the pages may be removed without leaving stubs by tearing along the weakened lines and may be rebound by the utilization of the registered perforations.

6. A blank book comprising a plurality of sheets folded along their middles, detachable fastenings disposed along the fold lines of the sheets and binding the several sheets together in book form, each sheet having a series of perforations constituting a weakened line for tearing purposes disposed along the line of fold of the sheet, and said sheets being provided with registered rebinding perforations at opposite sides of and adjacent the weakened lines, whereby the binder fastenings may be removed, the sheets bodily removed from the book without leaving stubs, the sheets torn along the weakened lines and thereby separated into pages, and the pages subsequently rebound by the utilization of the rebinding perforations.

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