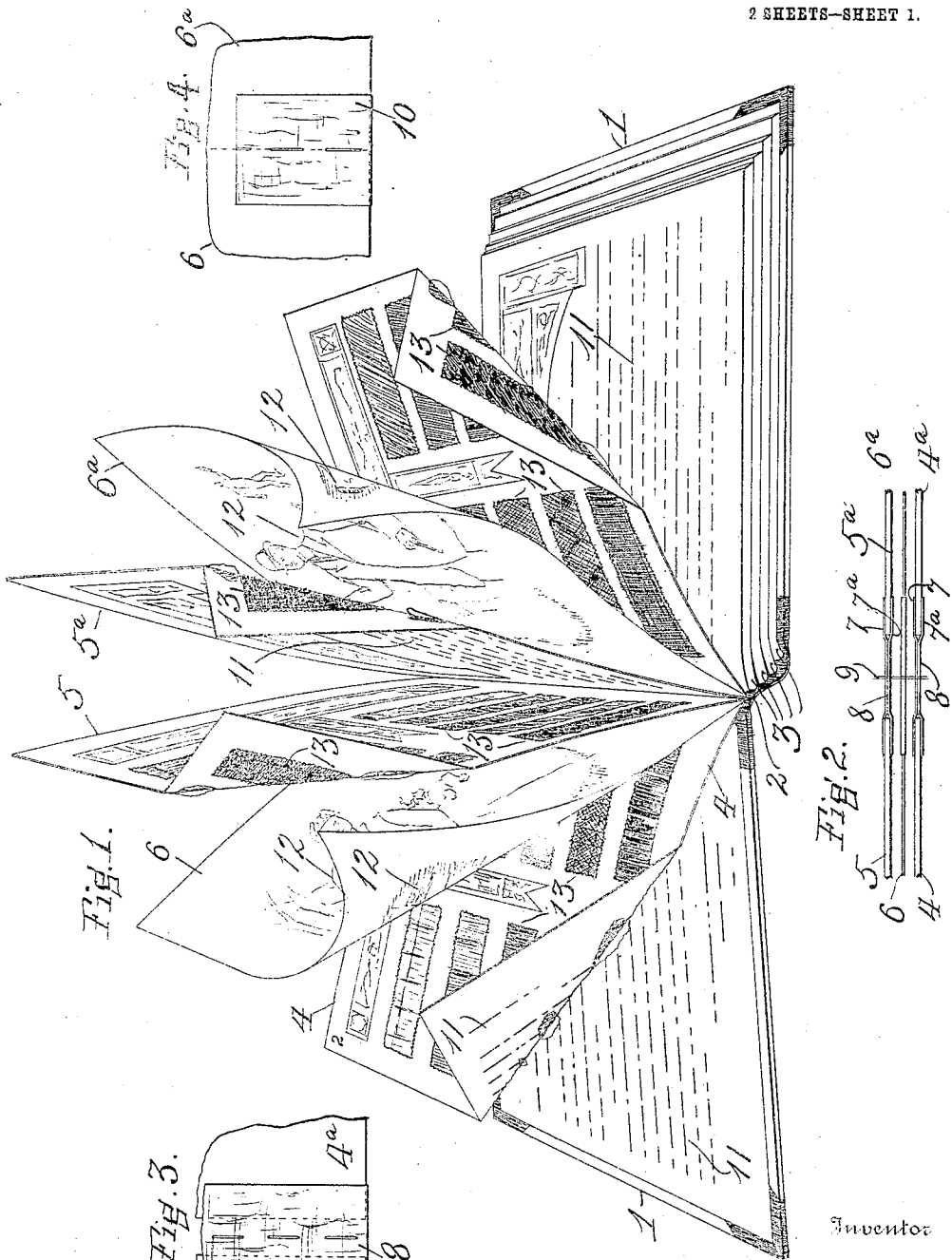


H. E. BODINE.
 COMBINATION FASHION AND SAMPLE BOOK.
 APPLICATION FILED FEB. 26, 1910.

958,582.

Patented May 17, 1910.

2 SHEETS—SHEET 1.



Witnesses
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2 SHEETS—SHEET 2.

Fig. 5.

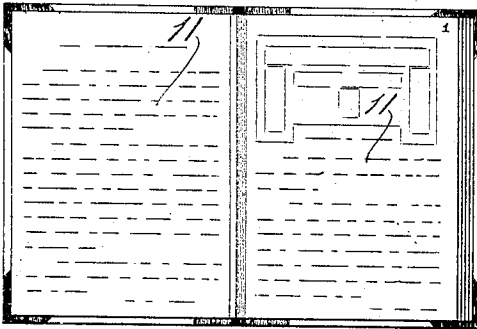


Fig. 6.

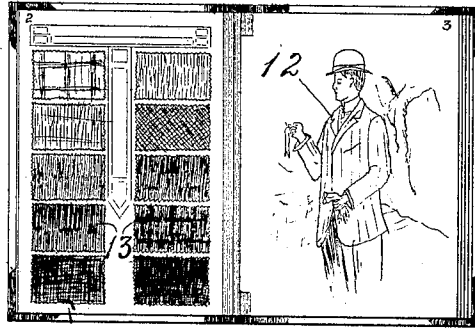


Fig. 7.

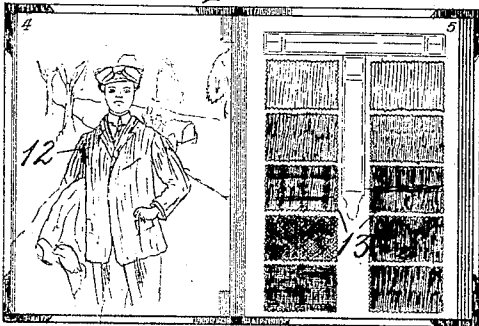


Fig. 8.

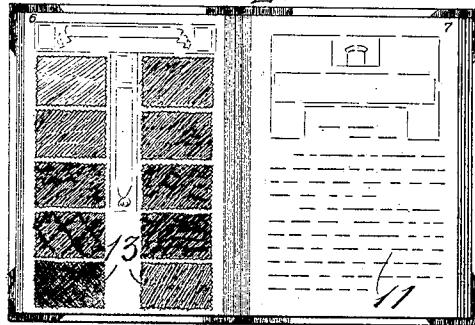


Fig. 9.

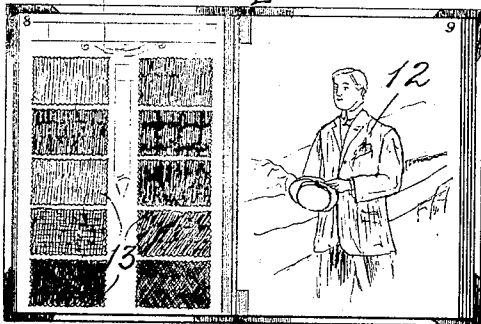


Fig. 10.

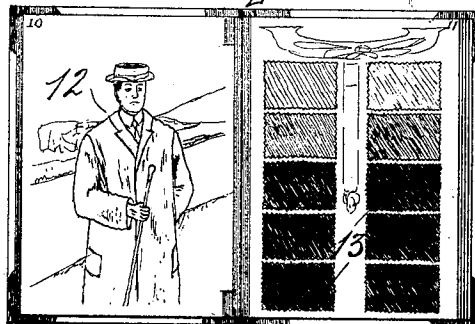
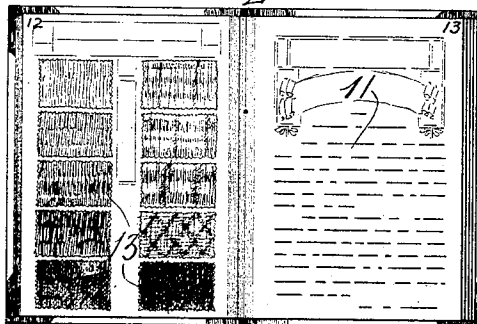


Fig. 11.



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UNITED STATES PATENT OFFICE.

HARRY E. BODINE, OF MERCHANTVILLE, NEW JERSEY.

COMBINATION FASHION AND SAMPLE BOOK.

958,582.

Specification of Letters Patent. Patented May 17, 1910.

Application filed February 26, 1910. Serial No. 546,225.

To all whom it may concern:

Be it known that I, HARRY E. BODINE, a citizen of the United States, and resident of Merchantville, in the county of Camden and State of New Jersey, have invented certain new and useful Improvements in Combination Fashion and Sample Books, of which the following is a specification.

This invention relates to books intended to exhibit samples of textile fabrics and fashion plates or illustrations suggestive of designs to be followed in making up the goods. The samples of goods exhibited in a book of this kind have generally been cut up into small squares or swatches pasted systematically upon pages of the book, which constitute the backing of the samples, and associated with certain identification and other marks, while the representations of fashions have usually been imprinted upon pages facing the goods to which the patterns are appropriated. But it is essential that the pages constituting the backing for the samples be of heavy, thick and stiff material in order to properly sustain the patterns and to prevent warping under the adhesive employed for holding the samples in place. The use of this stiff paper stock has given rise to the practice of binding such pages through the medium of binding tape, secured to opposite sides of the inner edges of the sheets in a manner to join the sheets together in pairs and provide a stitching and hinging means. The use of this heavy paper stock for imprinting the fashion plates and other fine illustrating material is quite objectionable, first because it is not economically feasible to employ stock of such weight having the high character of surface necessitated for the better class of illustrating processes, and secondly because the necessity for handling the heavy stock to bind the leaves together, which must be preceded by the printing of the illustrations, makes it extremely difficult and expensive to handle the high grades of half-tone and other printing without injury to the work, both at the time of connecting the sheets together in pairs and at the time of assembling the sheets to form the signatures.

My present invention avoids both of the difficulties mentioned by employing the stiff sheets for the samples and for the less delicate grades of printing, which are not susceptible to injury; and printing the fashion

plates or illustrations upon high grade stock sufficiently flexible to be interleaved (preferably in the form of double leaves) and interleaving the same between each two pairs of connected stiff sheets, in such a manner that the flexible paper is stitched through with the binding tape (preferably double) which connects the stiff sheets; the flexible sheets being reinforced at top and bottom and extending over any desired portion of the stitching line.

The invention consists in a signature or signatures built up in this way and suitably bound to form a book.

In carrying out my invention, each face of the flexible leaves is printed with the fashion illustrations, while the faces of all the stiff sheets opposed to the flexible sheets are prepared for the reception of samples of goods; the remaining faces of the stiff sheets being either prepared for the reception of samples of goods or provided with reading matter as may be preferred.

The invention will be fully understood upon reference to the accompanying drawings illustrating one embodiment thereof, in which,

Figure 1 is a perspective view of a combined fashion and sample book, constructed in accordance with the invention; the stiff sheets being broken at the corners for the purpose of disclosing opposite faces thereof and the flexible sheets being curved for the same purpose; Fig. 2 is a detail view illustrating the method of interleaving the flexible sheets with the pairs of stiff sheets; Fig. 3 is a detail view illustrating the relation of a pair of stiff sheets with the binding and stitching tapes; Fig. 4 is a detail view illustrating the preferred method of reinforcing the flexible sheets; and Figs. 5 to 11 illustrate the opposed faces of different leaves of a signature made up of two pairs of stiff sheets and a single flexible double sheet interleaved between the two pairs of stiff sheets.

Referring to Fig. 1, 1 represents a cover and 2 the sewing back of a known form of binding. 3 represents a number of signatures constructed in accordance with my invention and bound in the book by means of stitching. 4-4^a and 5-5^a represent two pairs of stiff sheets of sufficiently heavy stock to receive and bear samples of textile fabrics. 6-6^a represents a double sheet of flexible paper interleaved between the pair

of sheets 5—5^a and the pair 4—4^a in a manner to be more particularly described.

As shown in Figs. 2 and 3, the stiff sheets are connected together in pairs by means of upper and lower binding tapes 7—7^a, which are pasted to opposite sides of the inner edges of the sheets, while said sheets are sufficiently spaced apart to leave a flexible stitching and hinging member 8 in between the sheets; the intermediate parts of the tapes being made to adhere for the purpose of providing a double thickness in the hinging member.

As will be seen from Figs. 2 and 4, the sheet 6—6^a extends continuously from one side of the signature to the other and lies between the lower and upper pairs of stiff sheets, in such manner that the stitching 9 may extend through the upper and lower tapes, as well as the intervening interleaf or interleaves and into the sewing back 2, thus binding the parts firmly together. While constituting a single piece, and being more or less firmly held by the friction of the binding tapes 8, the sheet 6—6^a is preferably reinforced as shown at 10 by folding a piece of binding tape over its edges, in the stitching line and pasting it on opposite sides of the sheet. This binding tape will sufficiently guard the flexible sheet against tearing, if employed only at the upper and lower ends of the stitching line; but it may be made to extend completely across the sheet, if desired.

Previous to binding, the stiff sheets are prepared for the reception of the samples and printed with such designating data as is intended to be used in connection with the samples, or printed with reading matter explanatory or laudatory or otherwise bearing upon the business intended to be illustrated. The flexible sheets are printed on both sides with fashion illustrations. This arrangement has the advantage of bringing the fashion illustrations between the stiff sheets by which they are thoroughly protected, during the operation of binding, and at no time is the high grade of half-tone or other printing, employed on the fashion pages, subjected to abrasion or other injury.

The disposition of the several kinds of matter contained within the book will be best understood by reference to a single signature of the book, illustrated in Figs. 5 to 11, wherein, Fig. 5 shows at the left hand side, the inner face of the cover and at the right hand side the outer face of the first stiff sheet or page 1 of the book, both of which are preferably provided with printing matter 11, as suggested.

Fig. 6 shows the inner face of the first stiff sheet and the opposed face of the first flexible sheet or pages 2 and 3 of the book. These pages are provided, respectively, with a fashion plate 12 and samples of textile

goods 13, the appropriateness of which to the design displayed is suggested by their association.

Fig. 7 shows the second face of the first flexible sheet and the first face of the upper stiff sheet or pages 4 and 5 of the book, bearing, respectively, a fashion plate 12 and samples of goods 13.

Fig. 8 represents pages 6 and 7 of the book provided by the second face of the first stiff sheet of the upper pair and the first face of the second stiff sheet of the upper pair. As the faces of two stiff sheets are here opposed, they are preferably provided with samples 13 and printed matter 11, although they might be both provided with samples of goods without departing from the spirit of my invention.

Fig. 9 shows the second face of the second stiff sheet of the upper pair and the first face of the right hand end of the flexible double sheet interleaf or pages 8 and 9 of the book, provided, respectively, with samples of goods 13 and a fashion plate 12.

Fig. 10 shows pages 10 and 11 of the book provided, respectively, by the second face of the right hand end of the double flexible sheet interleaf and the first face of the right hand stiff sheet of the bottom pair, and bearing, respectively, a fashion plate 12 and samples of goods 13.

Fig. 11 shows the second face of the right hand stiff sheet of the bottom pair forming page 12 of the book and the first face of the left hand stiff sheet of the bottom pair of the second signature, said faces being respectively provided with samples of goods 13 and printed matter 11.

From the foregoing exposition of the several pages, which go to make up a single signature comprising but two pairs of stiff sheets and a single flexible double sheet interleaf, it will be seen that there is material economizing in the size and bulk of the book for any given display of samples, inasmuch as every stiff sheet has at least one face prepared for samples, while most of the stiff sheets, and all of them, if desired, have samples applied to both sides; thus in the illustrative signature displayed in Figs. 5 to 11, there are four stiff sheets, joined together to provide two pairs, and six pages of samples displayed, whereas in the old style of book, there would be but four pages of samples displayed.

It is to be, of course, understood that the signatures 3, suggested in Fig. 1, are to be constructed in a manner similar to the open signature shown in Fig. 1 and displayed more in detail in Figs. 5 to 11; also that any signature may consist of additional pairs of stiff sheets with interleaved flexible sheets.

I claim:—

1. A signature for combination fashion and sample books, comprising two or more

5 pairs of stiff sheets jointed together by binding tape to provide stitching and binding means, one or more flexible fashion sheet interleaves interposed between each two
10 pairs of thick sheets, and stitching threads extending through the stitching and binding
15 tapes of the thick sheets and interposed flexible sheets.

2. A signature for combination fashion
10 and sample books, comprising two or more pairs of stiff sheets jointed together by binding tape to provide stitching and binding means, continuous flexible double sheet
15 interleaves interposed between each two pairs of thick sheets, a sewing back, and stitching threads extending through the stitching and binding tapes of the stiff sheets and the interposed flexible sheets and securing the signature to the sewing back.

20 3. A signature for combination fashion and sample books, comprising two or more pairs of stiff sheets jointed together by binding tape to provide stitching and binding means, one or more flexible fashion sheet
25 interleaves interposed between each two pairs of thick sheets, and stitching threads extending through the stitching and binding tapes of the thick sheets and interposed flexible sheets; said flexible sheets being reinforced
30 by binding tape, at the stitching line.

4. A signature for combination fashion
35 and sample books, comprising two or more pairs of stiff sheets jointed together by binding tape to provide stitching and binding means, one or more flexible fashion sheet interleaves interposed between each two pairs of thick sheets, and stitching threads extending through the stitching and binding tapes of the thick sheets and interposed flexible sheets; said flexible sheets being reinforced by binding tape, at the top and bottom of the stitching line.

40 5. A combination fashion and sample book

made up of signatures, each of which comprises two or more pairs of stiff sheets carrying samples of textile fabrics and jointed
45 together by binding tape to provide stitching and binding means, one or more flexible sheets containing fashion illustrations interposed between the pairs of thick sheets, a
50 sewing back, and threads passing through the thick sheet binding tapes and the interposed flexible sheet or sheets and securing the whole to the sewing back.

6. In a combination fashion and sample
55 book, a signature comprising stiff sheets jointed together in pairs by binding tape, a flexible sheet interposed between the stiff sheets, a sewing back, and stitching passing through the binding tapes of the stiff sheets
60 and through the interposed flexible sheets and securing all of said sheets to the sewing back; the sides of all the stiff sheets facing the flexible sheets, carrying samples of
65 textile fabrics and the opposing faces of the flexible sheets being provided with fashion illustrations.

7. In a combination fashion and sample
70 book, one or more signatures made up of stiff sheets connected together in pairs by double thicknesses of binding tape applied on opposite sides of the respective pairs, one or more flexible sheets introduced between the pairs of stiff sheets, a sewing back, and stitching passing through the double binding
75 tapes and through the intervening flexible leaves and securing all of said parts to the sewing back.

The foregoing specification signed at Merchantville, N. J., this 19th day of February, 80
1910.

HARRY E. BODINE.

In presence of—

CLYDE I. BOYER,
J. COLEMAN BENTLEY.