

PRINTED MATTER

DRAFTSMAN.

No. 850,735.

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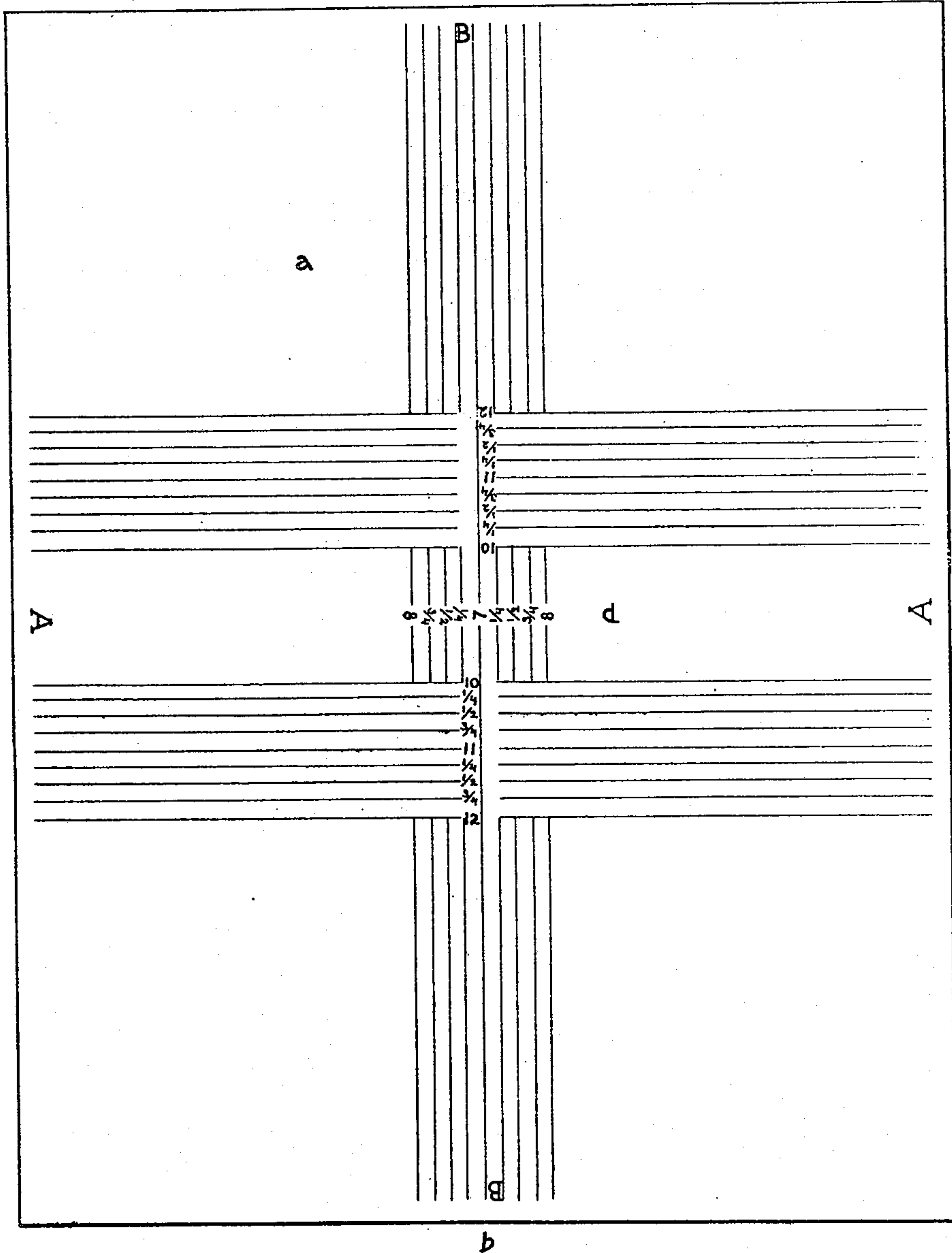
M. W. CUMMINGS & T. F. JORDAN.

BOOK COVER PROTECTOR.

APPLICATION FILED JAN. 20, 1906.

2 SHEETS—SHEET 1.

Fig. 1.



Witnesses

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2 SHEETS—SHEET 2.

Fig. 2.

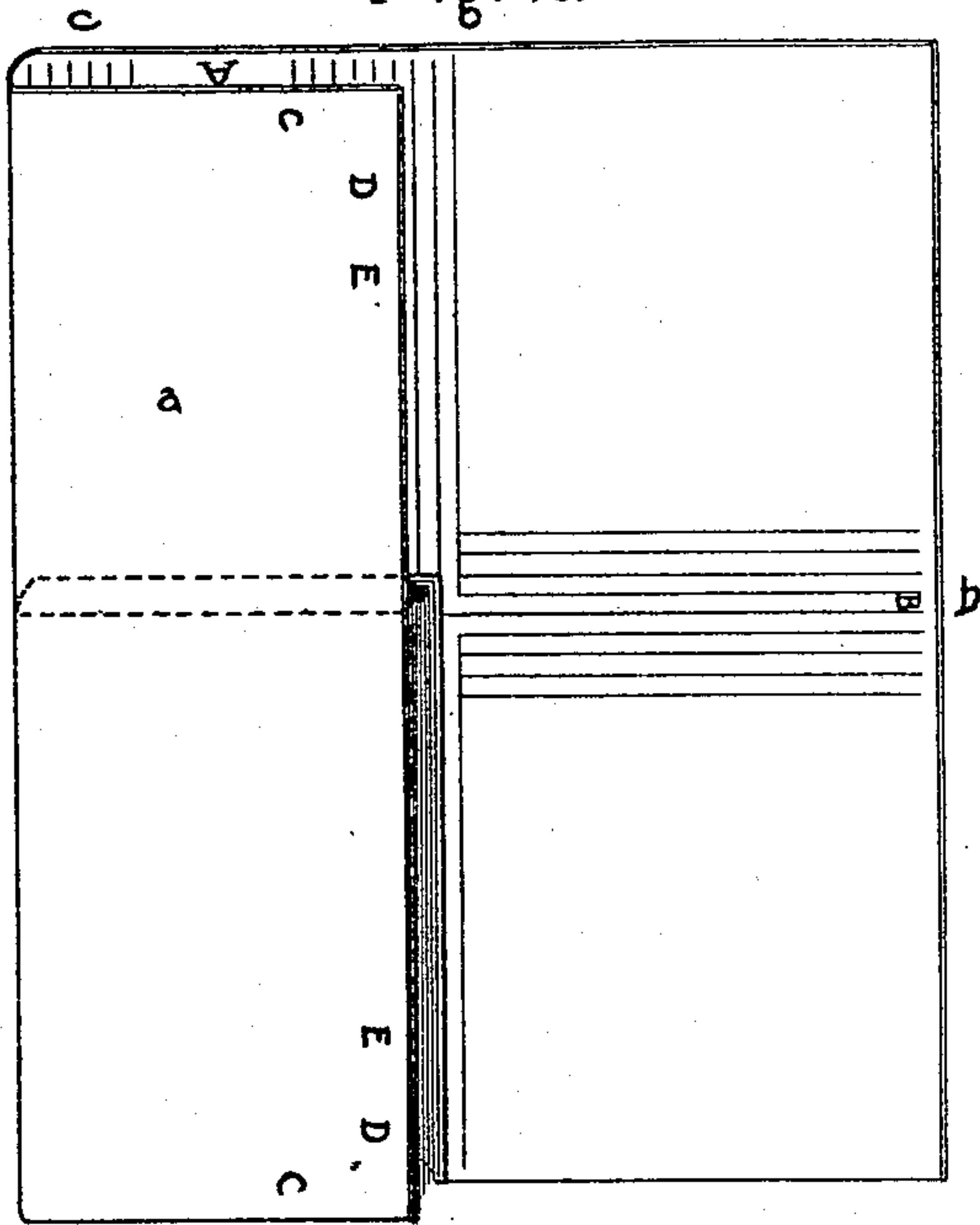
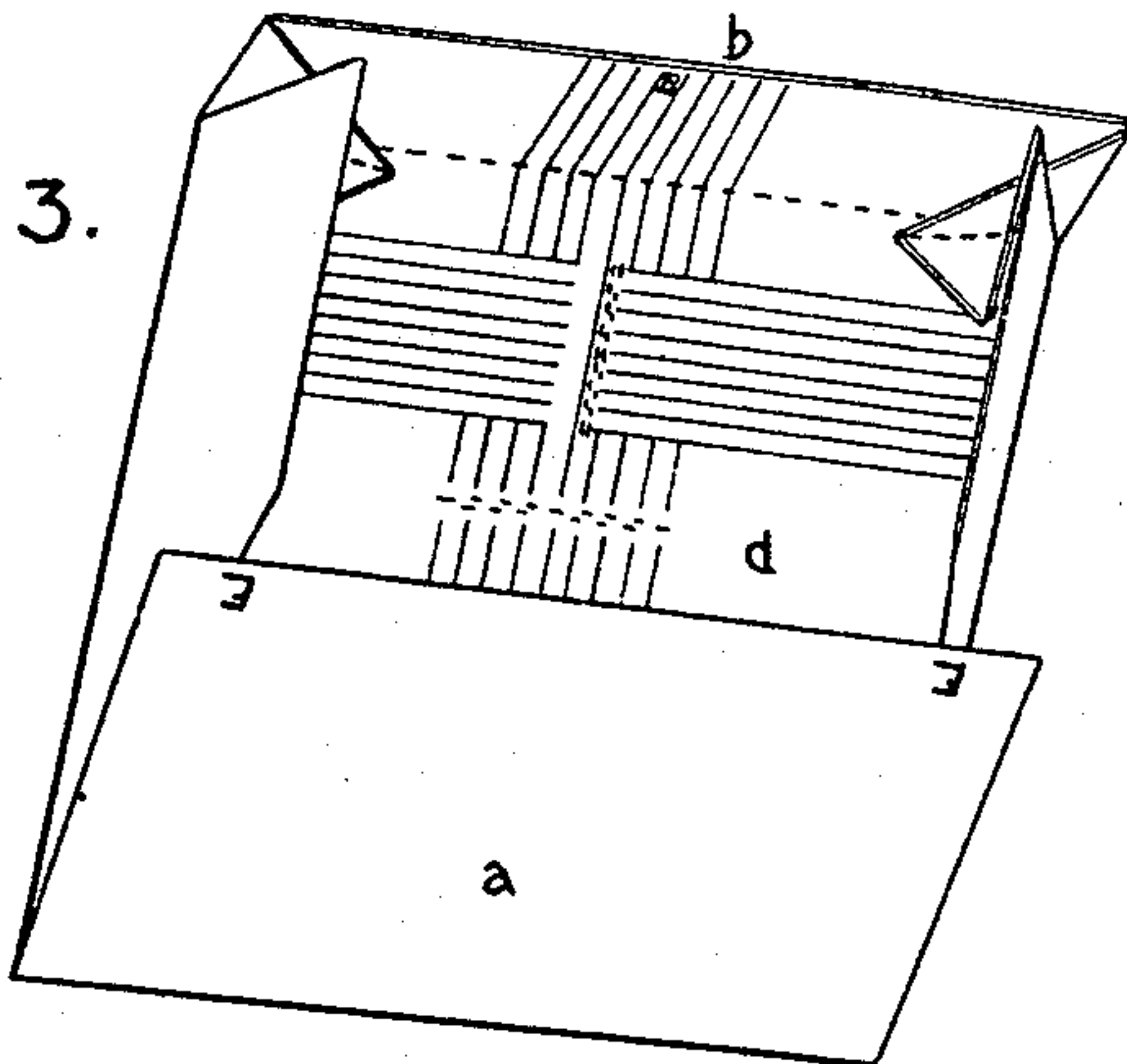


Fig. 3.



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UNITED STATES PATENT OFFICE.

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BOOK-COVER PROTECTOR.

No. 850,735.

Specification of Letters Patent.

Patented April 16, 1907.

Application filed January 20, 1906. Serial No. 297,078.

To all whom it may concern:

Be it known that we, MICHAEL W. CUMMINGS and THOMAS F. JORDAN, citizens of the United States, residents of Olyphant, in the county of Lackawanna and State of Pennsylvania, have made a certain new and useful Invention in Book-Cover Protectors; and we declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a plan view of the blank. Fig. 2 is a perspective view of the blank partially folded, with the book in place. Fig. 3 is a perspective view of the folded blank.

The invention has relation to improvements in protectors for book-covers, and particularly upon the temporary cover or protector for which Letters Patent No. 522,152 were granted to us on the 26th day of June, 1894; and the invention consists in the novel construction and combinations of parts as hereinafter set forth.

The object of the invention is to provide a cover-protector with means whereby it can be readily folded to fit a book of known size.

In the accompanying drawings, illustrating the invention, the letter *a* designates the blank from which the protecting-cover is made, said blank being of rectangular form and for ordinary use on octavos of the usual school dimensions—eighteen inches long by fourteen inches broad. For books of larger or smaller folds the blank is made larger or smaller, as may be required. In volumes for which this blank is suitable the length may vary from seven to eight inches for a width of about five to five and a half inches, while the thickness may vary from a quarter of an inch to over an inch and a quarter.

The blank is finished to form the cover-protector by ruling upon it sets of scale-lines longitudinally of its central portion, as at *b*, and on each side of its middle portion transversely, as at *c*. Opposite longitudinal margins are marked "A A" and opposite transverse margins "B B." The central line of the opposite longitudinal scales is the middle line of the protector and is marked "7," and it is seven inches from each margin "A."

Above and below this line are longitudinal scale-lines one-quarter of an inch apart and marked, respectively, " $\frac{1}{4}$," " $\frac{1}{2}$," " $\frac{3}{4}$," and "8," in accordance with their distance from the line "7."

The transverse middle portion *d* of the cover-protector between the transverse scales *c* is two inches wide and is limited by the first line of each transverse scale marked "10" and indicates ten inches from opposite margins "B." From the scale-line "10" scale-lines are placed parallel thereto and outward therefrom one-quarter of an inch apart, and such lines are marked, respectively, " $\frac{1}{4}$," " $\frac{1}{2}$," " $\frac{3}{4}$," "11," " $\frac{1}{4}$," " $\frac{1}{2}$," " $\frac{3}{4}$," "12."

It will be observed that the scales, both transverse and longitudinal, are located on opposite halves of the protector-sheet from the margins from which they are measured—that is to say, each scale *b* is related to the margin "A" farthest therefrom, and each scale *c* is related to the margin "B" farthest therefrom. The object of these scales is to provide indicator-lines to regulate the folding of the marginal portions of the cover-protector in accordance with the size of the book, so that the lines of the scales serve not only for indicating the size of the book to be covered, but also for limiting the marginal folds to correspond with the size of the book indicated.

The sides of each corner of the protector-sheet on the opposite side from the scale are usually marked "C" and "D," as shown, and the letter "E" is placed on the transverse margin about as far from the letter "D" as the latter is from the corner. These letters are designed to facilitate the folding in accordance with directions.

As these protectors are used chiefly to keep school-books in proper condition, they can be readily folded for use on all text-books of the same character when the size of one of such text-books is known.

In measuring the book place one end of the book even with the margin "A." The scale-line visible at the other end of the book indicates its length. Thus if line " $7\frac{1}{2}$ " is just visible at the end of the book this shows that the book is seven and a half inches long and that the longitudinal marginal portions of the protector must be folded to the lines " $7\frac{1}{2}$ " at top and bottom. For the transverse folds place the book so that its front

edge will be even with one of the margins "B" and bend the protector around the book. The scale line then visible at the other side of the book will indicate the size of the book transversely, including its thickness, and the transverse folds should be made to the scale-lines indicating such size. For instance, if the vertical scale-line "11 $\frac{3}{4}$ inches" shows when the protector is placed around the book in this manner it shows that the transverse margins are to be folded to the scale-lines "11 $\frac{3}{4}$ " on each side.

In order to fold the cover, the longitudinal marginal portions are folded so that the edges "A" are brought to the proper scale-lines as indicated in the measurement of the book. The transverse marginal portions are also folded to bring the margins "B" to the proper scale-lines in like manner, and the folds are duly creased. With margins "B" so folded the corner "C" is angularly folded upon "D" to bring the end crease even with and parallel to the side crease. Then fold the triangular lap at "D" beneath "E" and upon "C." Having done this with the four corners, fold the marginal portions "A" beneath "E" and upon "C," and the protector is ready to receive the book.

The protector is adjusted by inserting one cover of the book into one pocket of the protector, then bending the other cover slightly backward and inserting it into the other pocket, pressing all creases down firmly.

Having described the invention, what we claim, and desire to secure by Letters Patent, is—

1. A blank for a book-cover protector of rectangular form having a longitudinal series of parallel equally-spaced scale-lines bearing marks representing the distance from one longitudinal edge of the blank to each member of such series, and a transverse series of parallel equally-spaced scale-lines bearing marks representing the distance from a transverse edge of the blank to each member of such series.

2. A blank for a book-cover protector of rectangular form having a central longitudinal series of parallel equally-spaced scale-lines, such series consisting of a line in the

exact center of the blank bearing a mark representing the distance therefrom to each longitudinal edge of the blank, and lines on each side of said center line each bearing a mark representing the distance therefrom to the longitudinal edge of the blank farthest removed, and a transverse series of parallel equally-spaced scale-lines located at each side of a central transverse space, each member of each such transverse series bearing a mark representing the distance therefrom to the transverse edge of the blank farthest removed.

3. A blank for a book-cover protector of rectangular form having a central longitudinal series of parallel equally-spaced scale-lines, such series consisting of a line in the exact center of the blank bearing a mark representing the distance therefrom to each longitudinal edge of the blank, and lines on each side of said center line each bearing a mark representing the distance therefrom to the longitudinal edge of the blank farthest removed, and a transverse series of parallel equally-spaced scale-lines, each member of said transverse series bearing a mark representing the distance therefrom to the transverse edge of the blank farthest removed.

4. A blank for a book-cover protector of rectangular form having a longitudinal series of parallel equally-spaced scale-lines, such series consisting of a line in the exact center of the blank bearing a mark representing the distance therefrom to each longitudinal edge of the blank and lines on one side of said center line each bearing a mark representing the distance therefrom to the longitudinal edge of the blank farthest removed, and a transverse series of parallel equally-spaced scale-lines, each member of such transverse series bearing a mark representing the distance therefrom to the transverse edge of the blank farthest removed.

In testimony whereof we affix our signatures in presence of two witnesses.

MICHAEL W. CUMMINGS.
THOMAS F. JORDAN.

Witnesses:

HARRY NEEDLE,
RICHARD WILLIAMS.