

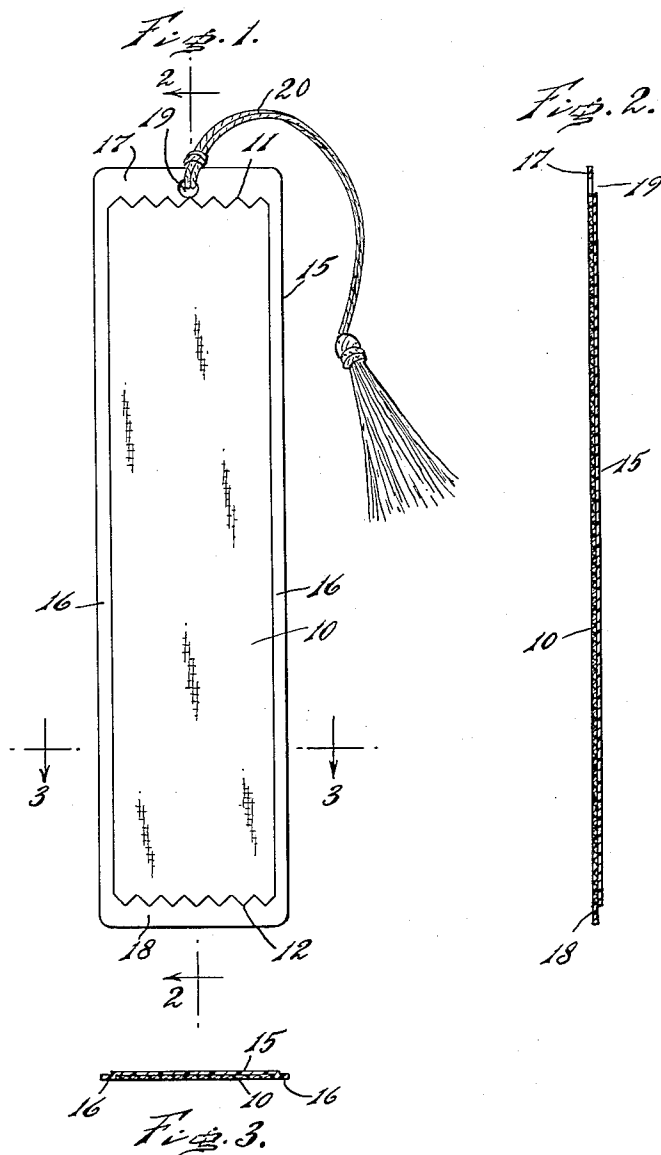
Dec. 13, 1960

J. D. HARRISON

2,964,010

BOOKMARKS

Filed May 25, 1959



INVENTOR
John D. Harrison
BY
B. T. Wobensmith
ATTORNEY

1

2,964,010

BOOKMARKS

John D. Harrison, Philadelphia, Pa., assignor to Quality Weaving Company, Philadelphia, Pa., a corporation of Delaware

Filed May 25, 1959, Ser. No. 815,374

2 Claims. (Cl. 116—119)

This invention relates to bookmarks and more particularly to a bookmark which includes a woven textile component and another component providing protection to the woven component and additional rigidity.

It has heretofore been proposed, in the manufacture of clothing labels and hangers from silk, cotton, rayon and other synthetic materials, to utilize a jacquard design for the purpose of including the desired lettering, characteristic figures and designs employed as trademarks, and for including other information desired.

In accordance with the present invention an elongated woven strip is provided with suitable lettering, ornamental designs, and other information and decoration applied by jacquard weaving, the strip being combined with synthetic plastic sheet material to reduce wear, snagging, unraveling and soiling of the woven component.

In accordance with the present invention, also, a bookmark is provided in which a woven textile component is provided, suitably reinforced by a component of synthetic plastic sheet material, which latter component also serves for the attachment of a tassel or the like.

In accordance with the present invention, also, a bookmark is provided of attractive appearance with ample opportunity for producing a wide range of desired color and colored patterns and designs, and without limitation to the color receptive characteristics of the plastic component.

In accordance with the present invention, also, a bookmark is provided having a woven textile component, and a component of synthetic plastic sheet material in which the woven textile component is retained in adherent engagement with the plastic sheet material component in an improved manner.

Other objects and advantageous features of the invention will be apparent from the description and claims.

The nature and characteristic features of the invention will be more readily understood from the following description, taken in connection with the accompanying drawings forming part thereof, in which:

Figure 1 is a top plan view of a bookmark in accordance with the present invention;

Fig. 2 is a longitudinal sectional view taken approximately on the line 2—2 of Fig. 1 and with the cord removed;

Fig. 3 is a transverse sectional view taken approximately on the line 3—3 of Fig. 1.

It should, of course, be understood that the description and drawings herein are illustrative merely, and that various modifications and changes can be made in the structure disclosed without departing from the spirit of the invention.

Like numerals refer to like parts throughout the several views.

Referring now more particularly to the drawings, in which a preferred embodiment of the invention is illustrated, the bookmark in accordance with the invention preferably includes a component in the form of a strip 10 of woven textile material and which may be woven

2

from silk, cotton or rayon, or other synthetic materials. In particular embodiments, widths of the strip 10 of the order of 32 and 35 millimeters and lengths of 5 or 6 inches have been found suitable, although the strip 10 is not restricted to these exact dimensions.

The strip 10 preferably has incorporated therein lettering and other designs, included by a jacquard weaving operation to convey the desired message, which can be of a religious character, can be inspirational, or can be advertising. The strip 10 can be made continuous with repeats of the woven material and severed by pinking, or in any other desired manner to provide upper and lower terminal edges 11 and 12. For purposes of illustration the upper and lower terminal edges 11 and 12 of the woven strip 10 are shown as provided with a zig-zag edge of well known type. The woven strip 10 without more, would have a tendency to fray or unravel, would lack sufficient rigidity, and would be subject to soiling.

In accordance with the present invention a backing 15 is provided of synthetic plastic sheet material of any preferred type. Cellulose acetate, vinyl chloride acetate, acrylic resins, polyethylene and polystyrene in thin sheet form have been found satisfactory, vinyl chloride acetate sheeting being preferred.

In order to combine the woven strip 10 with the backing sheet material 15, any suitable laminating method may be employed, although it is preferred to support a piece of the plastic sheet material on a rubber blanket, with the woven strip thereabove, heat the sheet material to soften the same, and apply pressure by a chrome plated plate on the top face of the woven strip 10 to press the same downwardly into the backing material 15.

Upon the application of pressure on the woven strip 10, it is debossed in the plastic backing sheet 15 without strain upon, or deformation of the woven strip 10.

In one suitable process for combining the components, a sandwich is formed of the chrome plated plate, strip 10, plastic backing 15 and rubber blanket, and the same placed in a hydraulic press heated to a temperature of 275° to 300° F. for approximately 8 minutes and then chilled, the pressure during the cycle being from about 350 to 400 pounds per square inch. Upon removal from the press the bookmark is then ready for trimming of the backing 15 to the desired size to provide marginal face strips 16 at the sides and marginal face strips 17 and 18 at the top and the bottom surrounding the woven strip 15. The marginal strip 17 can then be punched to provide a hole 19 for insertion of a cord 20.

The faces of the marginal strips 16, 17 and 18 are flush with the outer face of the strip 10. The bookmark is thicker at the portion thereof occupied by the woven strip 10 and thinner at the margin strips 16, 17 and 18.

The penetration of the plastic sheet material 15 into the threads on the back face of the woven strip 10 is carefully controlled so that a penetration of about three-thousandths of an inch is obtained, but not more than five-thousandths of an inch. If the penetration is insufficient the woven strip 10 is not adequately protected. Excessive penetration tends to make the woven strip 10 translucent and reduces the attractiveness of appearance without compensating advantages.

I claim:

1. A bookmark comprising an elongated plastic strip having a front face and side and end margins and an elongated central section with an upper face portion disposed below said front face and having side and end margins spaced inwardly from said side and end margins of said plastic strip, and an elongated woven strip having a front face with an integral woven pattern thereon and a rear face and having side and end margins, said elongated woven strip being disposed in said central section

3

and having its front face exposed and its rear face in permanent adherent engagement with said upper face portion of said elongated central section, said margins of said woven strip being disposed along said side margins and end margins of said central section, and the front face of said woven strip being substantially flush with the front face of said elongated plastic strip. 5

2. A bookmark as defined in claim 1 in which the penetration of the plastic strip into the threads on the

4

back face of the woven strip is between three one-thousandths of an inch and five one-thousandths of an inch.

References Cited in the file of this patent

UNITED STATES PATENTS

746,847	Klopsch	Dec. 15, 1903
2,650,184	Brefeld	Aug. 25, 1953
2,732,324	Morris	Jan. 24, 1956