

C. O. MICHEL.
 TEMPORARY BINDER.
 APPLICATION FILED JULY 6, 1912.

1,057,004.

Patented Mar. 25, 1913.

Fig. 1.

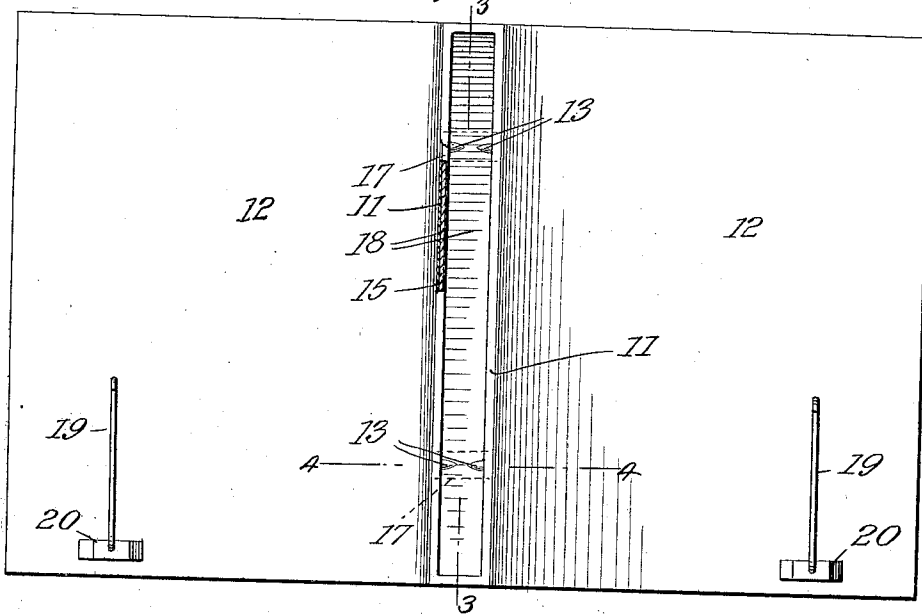


Fig. 2.

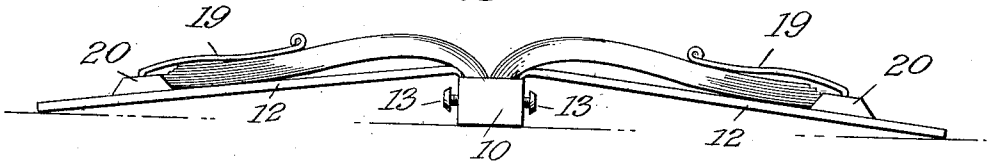


Fig. 3.

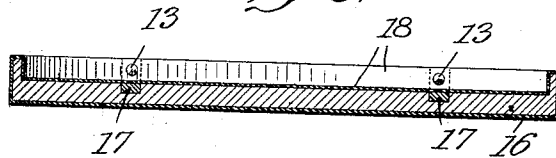
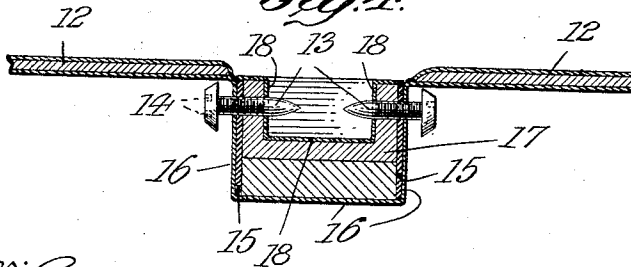


Fig. 4.



Witnesses:
Julius H. Michel
 Daniel Holmgren.

Inventor
 Charles Otto Michel
 By *Attorneys*
Biesen & Grunpe

UNITED STATES PATENT OFFICE.

CHARLES OTTO MICHEL, OF JERSEY CITY, NEW JERSEY.

TEMPORARY BINDER.

1,057,004.

Specification of Letters Patent.

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Application filed July 6, 1912. Serial No. 708,028.

To all whom it may concern:

Be it known that I, CHARLES OTTO MICHEL, a citizen of the United States, residing at Jersey City, county of Hudson, and State of New Jersey, have invented a new and Improved Temporary Binder, of which the following is a specification.

This invention relates to a temporary binder of novel construction which permits periodicals, newspapers and similar matter to be quickly and tightly bound without requiring the same to be perforated or otherwise mutilated. The binder also checks any attempt to remove and pilfer the bound matter, so that the invention is well adapted for use in libraries and other public institutions.

In the accompanying drawing: Figure 1 is a face view of a temporary binder embodying my invention, and showing the same open; Fig. 2 an end view thereof; Fig. 3 a longitudinal section on line 3—3, Fig. 1, and Fig. 4 an enlarged cross section on line 4—4, Fig. 1.

The back of the binder is made in the form of an oblong box 10, to the sides 11 of which are hinged the covers 12. Into each of the sides 11, there are tapped a pair of screws 13 having smooth coniform points, the screws on one side being arranged directly opposite to those on the other side. The heads of the screws are not nicked but are provided with spanner holes 14, so that they cannot be turned except with a proper key. The box 10 is preferably made of wood, so that the binder is not rendered too heavy for ordinary use. Along the outer face of each box side 11, there extends a reinforcing sheet metal plate 15, while a textile covering 16 extending over the bottom of the box and the outer sides of plates 15 also extends over the covers 12, so as to constitute the hinges. Within the back 10 are further embedded a pair of U-shaped metal blocks or yokes 17, the horizontal members of which are accommodated within transverse grooves formed in the bottom of the box, while their upright shanks are accommodated within corresponding grooves or slots formed within the wooden sides 11.

These shanks are tapped opposite corresponding apertures in plates 15 for the reception of the screws 13, which may be thus effectively tightened up without straining or breaking the binder. The inner side of the back is covered by a lining 18 which also covers and conceals the yokes 17 as well as the face plates 15.

In use the screws 13 are slackened, the pamphlet, etc., to be bound is slipped with its back into the boxed back 10 of the binder, and then the screws are tightened up, so that their exposed tips bite into the sides of the pamphlet without however passing there-through. In this way the pamphlet is tightly and reliably bound without requiring prior preparation, and may be as readily removed. As the screws can only be manipulated by a proper key, any attempt to pilfer the bound matter is effectively checked. If desired, there may be attached to each cover 12, at 20 a suitable keeper 19, for holding down the leaves of the pamphlet.

I claim:

1. A temporary binder provided with a box-shaped back adapted to receive sheets to be bound, covers hinged to said back, and screws tapped into the back and having exposed inner ends that are adapted to bear against said sheets.

2. A temporary binder provided with a box-shaped back, covers hinged to the sides of said back, and screws tapped into said sides, said screws being provided with smooth coniform points.

3. A temporary binder provided with a box-shaped back, yokes sunk into the back, screws tapped into the yokes, and covers hinged to the back.

4. A temporary binder provided with a box-shaped back, covers hinged to the sides of the back, apertured face plates extending over said sides, yokes sunk into the back, and screws extending through the face plates and tapped into the yokes.

CHARLES OTTO MICHEL.

Witnesses:

FRANK V. BRIESEN,
KATHERYNE KOCH.