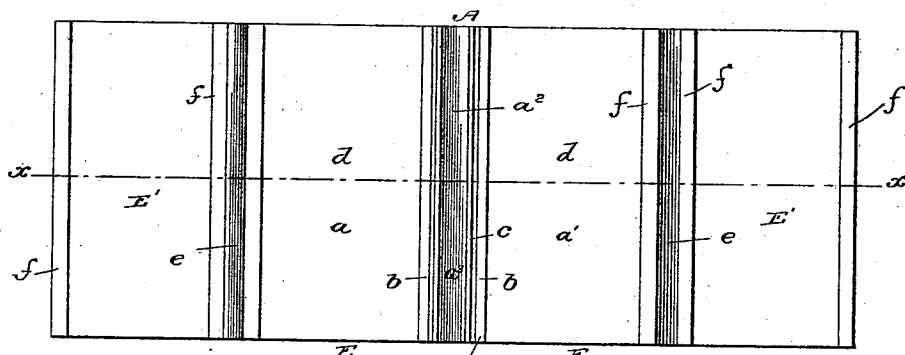
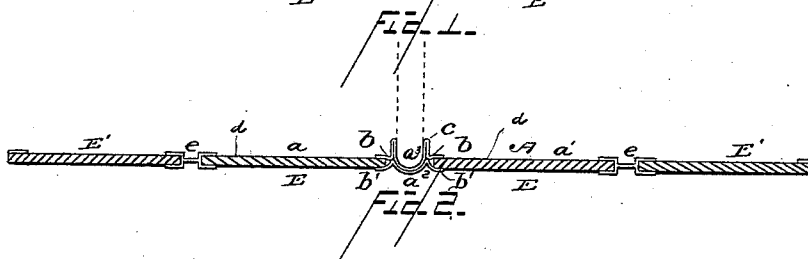
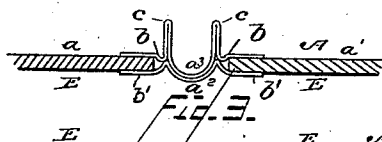
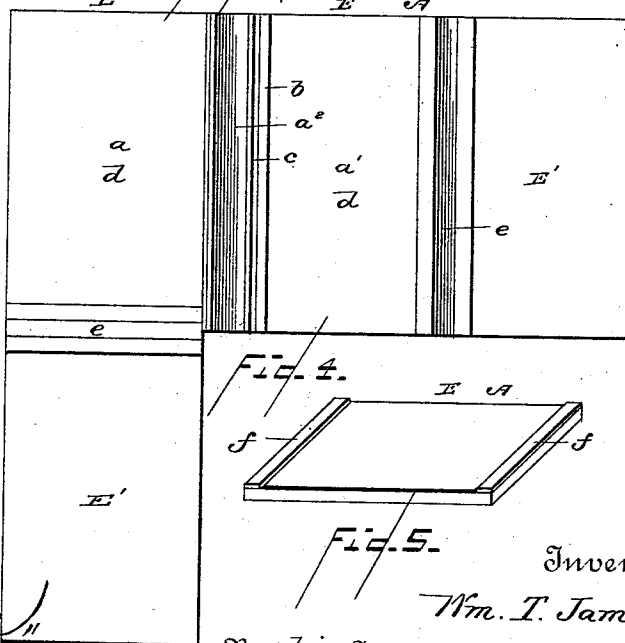
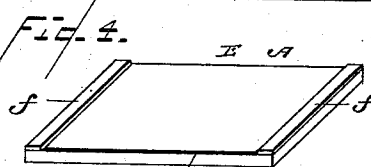


(No Model.)

W. T. JAMISON.
COMBINED BOOK AND SLATE.

No. 379,469.

Patented Mar. 13, 1888.



Witnesses.

W. H. Washburn
E. G. Siggers

Inventor.

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By his Attorneys

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UNITED STATES PATENT OFFICE.

WILLIAM T. JAMISON, OF WASHINGTON, PENNSYLVANIA.

COMBINED BOOK AND SLATE.

SPECIFICATION forming part of Letters Patent No. 379,469, dated March 13, 1888.

Application filed February 6, 1886. Serial No. 191,055. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM T. JAMISON, a citizen of the United States, residing at Washington, in the county of Washington and State of Pennsylvania, have invented a new and useful Improvement in Books and Slates, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to a combined book and slate, having for its object the provision of an article of the class named which shall be cheap, simple, and durable in construction, convenient in use, and neat and tasty in appearance.

The invention is adapted to be used in connection with school and text books, hotel-registers, ledgers, and account-books, wherewith it is desirable to use a slate or its equivalent.

The invention is especially useful in school-rooms, offices, &c., as in practice it is noiseless and not liable to be broken by an accidental blow or fall.

To these ends the invention consists in the construction and arrangement of parts for service, substantially as hereinafter described, and specifically pointed out in the claim.

In the drawings, Figure 1 is a plan view of a book-cover embodying my improvement, the leaves removed therefrom. Fig. 2 is a sectional view taken on the line *xx* of Fig. 1. Fig. 3 represents an enlarged detail section of the means employed to secure the cover to the body of the book. Fig. 4 represents a book-cover provided at its lower end with a slate constructed in accordance with my invention. Fig. 5 represents a book-cover provided with my improvement and supplied with side guards that operate to protect the surface thereof.

Referring to the drawings, in which similar letters of reference denote similar parts, *A* designates a book-cover, shown detached from the leaves thereof for the purpose of more clearly illustrating the invention.

The cover *A* may be made of any desired material—as, for instance, cloth, leather, paper, or boards—and in the ordinary form—that is to say, consisting of the two parts *a a'*, connected together and to the body of the book by backing cloth or webbing, which is composed of two sheets, *a² a³*. I preferably extend both sheets of the webbing outwardly for a short

distance at each side of the book-body, as shown at *b b'*, before joining the cover-sections *a a'* thereto, whereby guards are formed that, while permitting perfect freedom of back-and-forth movement to said cover-sections, yet operate effectually to prevent the tearing away of said sections from the body of the book. To further guard against the accidental tearing of the cover from a book because of its twofold nature—viz., that of book and slate—I provide that the backing cloth or webbing be free from the book-body at all points except the side edges thereof, as shown at *c*. By this construction, in conjunction with the guards *b*, all danger of the separation of the book-body and its cover from use in the capacity set forth above is avoided.

d designates the slated inner surface of the cover-sections *a a'*, such consisting of a mixture of slate, lime, sand, ground flint, or silicate, applied while in the form of a paste to the inner surface of the covers.

E' designates slated leaves attached either to the bottom, side, or top edges of one or both of the cover-sections *a a'*, as desired, by a band of cloth or webbing, *e*, having sufficient width to permit the leaves to be turned either back or forth, and to be folded upon either the inner or outer surfaces of the cover-sections *a a'*. Transverse strips or guards *f*, of material similar to that of which the cover is formed, are placed upon the inner surface of the cover-sections at the edges thereof, for the purpose of protecting the slated inner surface of said cover. If desired, the edges of the cover-sections *a a'*, as well as the leaves, may be bound with cloth, leather, or other material for the purpose of further protecting the slated surfaces thereof.

When the book is closed, the slated extensions *E'* fold at *e* upon the covers *a a'*, respectively, the inner surfaces of which are slated, and the leaves stand between the projections *c c* of the material of the back, but are not connected to said extension. The guard-strips *f*, when the extensions *E'* are turned in, rest upon the projections *c*, which form a bed for them and the slated surfaces of the extensions *E'* and the corresponding covers are thereby prevented from coming into contact and grinding on and defacing each other.

The slated portions of the cover may be of

any desired color or thickness, and may or may not be flexible.

Having thus described my invention, I claim—

- 5 The herein-described book-cover, composed of the lids *a a'*, having their interior surfaces slated, the back made of the two sheets or layers *a² a³*, the edges of which embrace and are secured, respectively, to the outer and inner
10 surfaces of the said lids, near the adjoining edges of the latter, and provided with the interior folded projections, *c*, and the extensions *E'*, slated on their interior surfaces, connected to the corresponding lids by the webbing *e*,

and provided at their edges with the guard- 15 strips *f*, to rest on the projections *c*, turned outward, and prevent the slated surfaces of the extensions from coming into contact with those of the corresponding lids, substantially as specified. 20

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

WILLIAM T. JAMISON.

Witnesses:

FREEMAN BRADY, Jr.,
ISAAC L. JONES.