

W. H. DOUTY & C. H. DRAKE.
Removable Book-Cover.

No. 213,401.

Patented Mar. 18, 1879.

Fig. 1

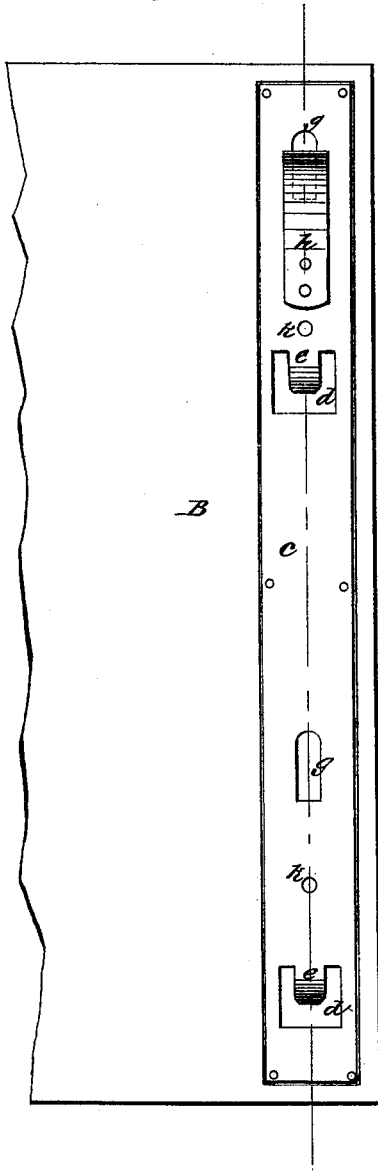


Fig. 2

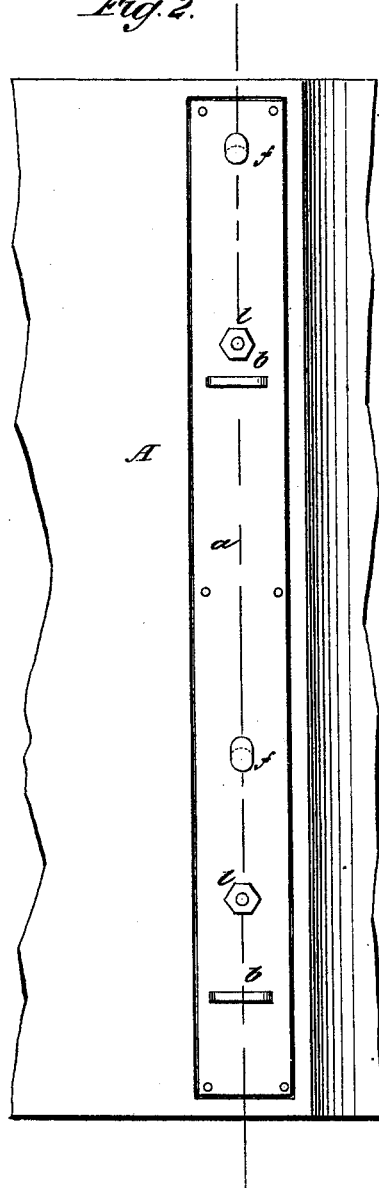
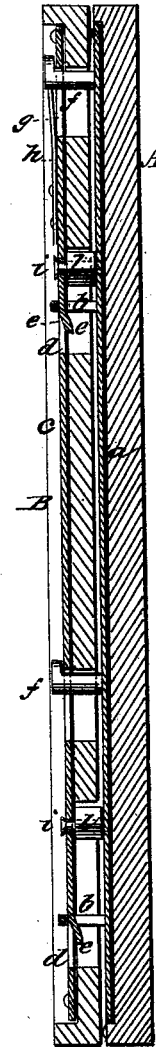


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

WILLIAM H. DOUTY AND CHARLES H. DRAKE, OF SHAMOKIN, PENNSYLVANIA; SAID DRAKE ASSIGNOR TO SAID DOUTY.

IMPROVEMENT IN REMOVABLE BOOK-COVERS.

Specification forming part of Letters Patent No. 213,401, dated March 18, 1879; application filed October 25, 1878.

To all whom it may concern:

Be it known that we, WILLIAM H. DOUTY and CHARLES H. DRAKE, of Shamokin, in the county of Northumberland and State of Pennsylvania, have invented a new and Improved Removable Book-Cover, of which the following is a specification:

Our invention relates to certain improvements in removable book-covers of the class in which the back and sides may be together disconnected from the filling or contents, so that the contents may be removed and filed away and a new set of pages or contents supplied to the old cover.

The invention consists in providing the stiff leaves of the cover with inwardly-projecting staples or studs, and the sides of the removable contents with slotted and tongued locking-strips, of metal, adapted to receive and hold the staples or studs of the covers, so as to hold the contents and cover together. The parts are locked securely by a screw, as hereinafter described.

In the accompanying drawings, Figure 1 represents a portion of the contents of a book, with the slotted locking-plate connected therewith. Fig. 2 shows a portion of the cover having the staples connected to it, and Fig. 3 is a section showing the two parts connected together.

Similar letters of reference indicate corresponding parts.

A represents the outer cover, in the stiff sides of which is incorporated or riveted a plate, *a*, that has projecting from it staples *b* on the inner side. B represents the filling of pages or contents of the book, which is provided with stiff sides, on one side of which is riveted a metal strip, *c*. This strip *c* is formed with slots *d*, corresponding in position to the staples *b* of the cover when the parts are together, which slots are cut in a shape to form a tongue, *e*.

In applying the cover A to the contents B, the staples *b* will pass through slots *d* of strip

c, and a slight endwise movement of the two parts in opposite directions will cause the tongues *e* to enter staples *b*, and the book and cover will be connected.

Instead of staples *b*, slots *d*, and tongues *e*, we sometimes provide the plate *a* with L-shaped studs *f*, and the plate *c* with longitudinal slots *g*, which act in a similar manner and upon the same principle of a tongue and eye for holding the said plates together.

To retain the book-cover and contents together and prevent their accidental separation, small screws *i* are inserted through holes *k* in strip *c*, and enter screw-threaded holes in the projection *l* on the strip *a*.

Instead of the screws, a flat spring, *h*, can be attached to the strip *c* in such position that its free end will spring down behind the staple *b* or stud *f* when the parts are in place; but we do not claim such means of fastening—*to wit*, the spring.

It is to be understood that the relative position of the tongues and eyes may be reversed, if desired, the eyes being upon the filling and the locking-strip on the cover.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

1. The combination of the plate *a*, attached to cover A and provided with staples *b*, and the plate *c*, attached to filling B, and provided with the slots *d* and tongues *e*, substantially as and for the purpose described.

2. The combination of plate *c*, provided with the holes *k*, and the plate *a*, having the screw-threaded projections *l* and the screws *i*, for preventing the accidental separation of the said plates, substantially as described.

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CHARLES H. DRAKE.

Witnesses:

THOS. N. HELM,
ISAAC GOLDSCHMIDT.