

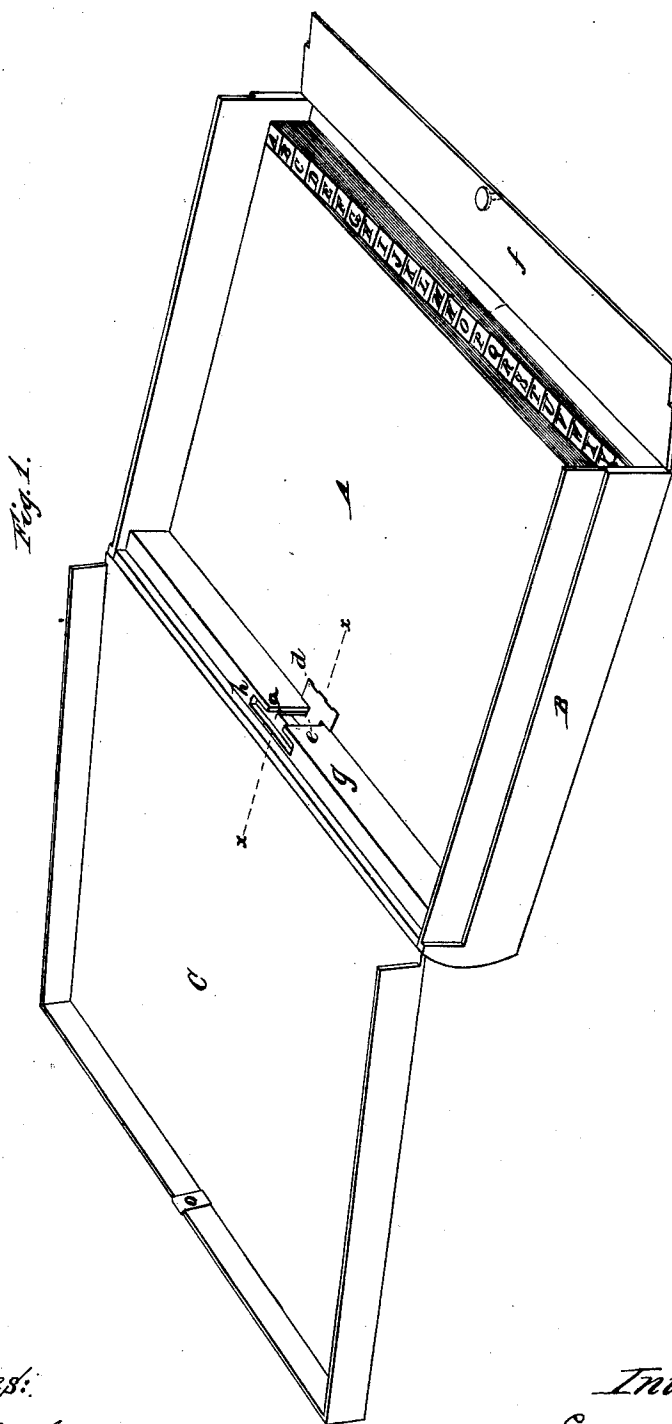
(No Model.)

2 Sheets—Sheet 1.

E. WHITING.
Temporary Binder.

No. 242,174.

Patented May 31, 1881.



Witnesses:
Isaac A. Ambing
W. C. Day

Inventor
Edwin Whiting

(No Model.)

2 Sheets—Sheet 2.

E. WHITING.
Temporary Binder.

No. 242,174.

Patented May 31, 1881.

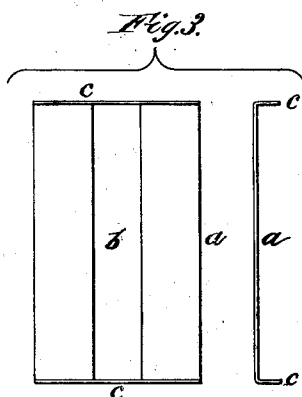
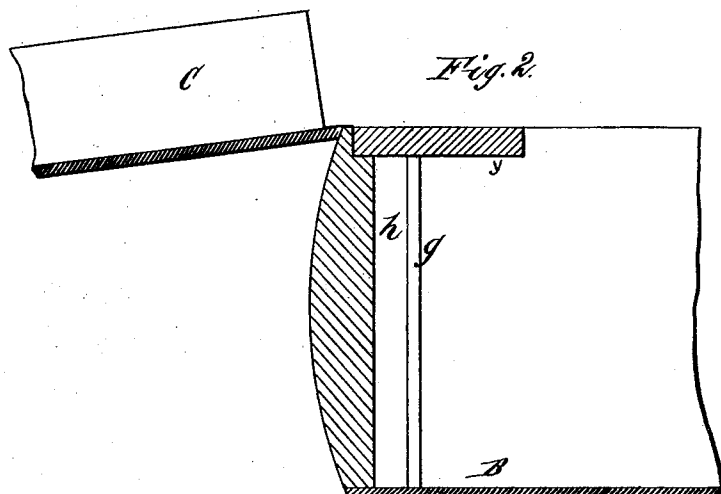


Fig. 7.

Fig. 8.

Fig. 4.

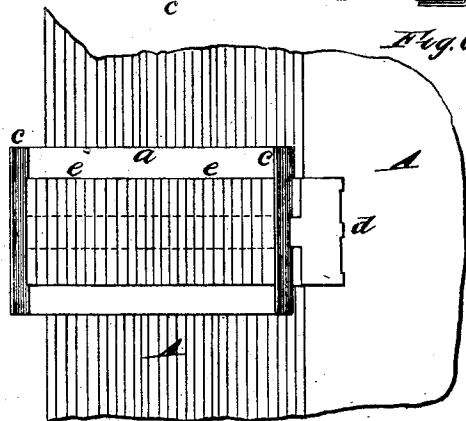
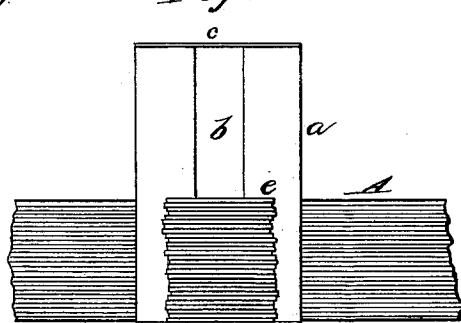
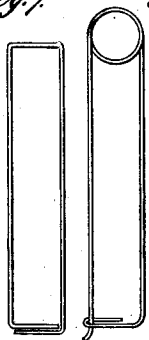
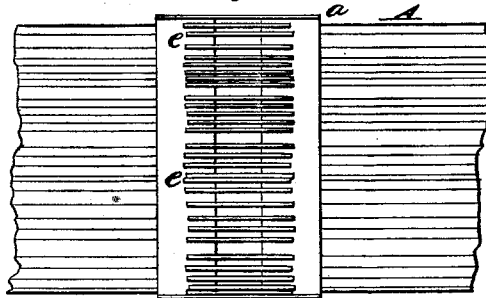


Fig. 6.

Fig. 5.



Witnesses:

John R. Aubrey
W. C. Dey.

Inventor

Edwin Whiting

UNITED STATES PATENT OFFICE.

EDWIN WHITING, OF JERSEY CITY, NEW JERSEY, ASSIGNOR TO WILLIAM A. AMBERG, OF CHICAGO, ILLINOIS.

TEMPORARY BINDER.

SPECIFICATION forming part of Letters Patent No. 242,174, dated May 31, 1881.

Application filed August 28, 1880. (No model.)

To all whom it may concern:

Be it known that I, EDWIN WHITING, of Jersey City, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Temporary Binders for Letters, &c.; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of one form of a case in which my improvements may be used; Fig. 2, a cross-section on line *xx* of Fig. 1. Fig. 3 is a back and edge view of the yoke; Fig. 4, a back view of the yoke with the index-leaves in place; Fig. 5, a similar view, with the index-sheets as they appear when filled between with filed matter; Fig. 6, a top view of the index-sheets as slipped for transportation-packing; and Figs. 7 and 8 modifications showing the yoke made of wire. The figures on sheet 2 are full working size.

The object of this invention is to facilitate the insertion of letter-file indexes into their cases for temporary use, and their removal from temporary holders into permanent files or cases when the index is filled with filed matter between the sheets, and to keep the sheets of each index together in transferring and for transportation purposes; and its nature consists in combining a yoke or slotted plate with T-shaped projections attached to or formed on the back of the index-sheets, as shown, and in combining such slotted plate and index-sheet projections with a case adapted to receive the plate and the index-projections in the same case or opening.

In the drawings, A indicates a set or series of index-sheets; B, the box or case in which the index-sheets are placed; C, the cover; *a*, the yoke or slotted plate; *b*, the slot or opening; *c*, the bent ends of the plate *a*; *d*, the projections at the back of the index-sheets, which are also applied to the index-covers, when such covers are used; *e*, their cross or T heads; *f*, the drop-front of the box or case B; *g*, the back of the box or case, and *h* the opening in the back, adapted to receive the index-projections with yoke.

The box or case B is usually made of card

or mill board, except the back, which is made of wood, and usually of a size adapted to receive indexes for large-sized letter-sheets laid in flat. The size, however, is varied.

The back *g* may be rounded on the exterior to give the case the appearance of a book, and its inner face is provided with an opening or slot, *h*, as shown in Fig. 1, which slot or opening is made to conform to the form of the index-projections. The bottom and sides of the box are attached to the back *g*, and the cover is hinged thereto by the material used in covering the case, by strips of cloth, or by other suitable means. The drop-front is similarly hinged to the bottom when used; but it may be omitted by extending the front of the cover down to the bottom.

The index-sheets shown and their projections or tags are similar to those shown in the patents granted to W. A. Amberg, September 24, 1878, No. 208,220, and March 2, 1880, No. 224,981, and my improvement may be used in connection with the cases or files there shown.

The device *a* is, by preference, made of sheet metal having the slot *b* cut therein, and the ends bent at *c*, to enable the slot to be cut the entire working length of the plate, and to give the back of the box a more finished appearance when it is inserted, as the bent ends are made to fit the lengthwise part of the opening *h*; but it can be made of small wire, or larger wire flattened, and in any case the box may be finished for a permanent file by tacking a strip of wood or sheet metal over it or along the entire inner length of the back, a portion of a wooden strip being shown at *y*, Fig. 2.

The use of this device in no way interferes with the expansibility of the index at the back, while it keeps the sheets together and keeps the projections *e* in line at the necks and brings the cross-heads into line for easy insertion into the back of the case when inserting the index, and prevents them from tearing away from the leaves of the index. The device also serves to hold the index-sheets and the filed matters together, and acts as a guide when transferring from a temporary to a permanent binder or case.

As the yoke is thin and does not fill the space on the necks between the backs of the

index-sheets and the cross-heads, the yoke can be turned down or inclined, so that each index will occupy less vertical space in packing for shipment, as shown in Fig. 6.

5 What I claim as new, and desire to secure by Letters Patent, is—

The yoke *a*, having the slot or opening *b*, closed at its ends by the bends *c*, or its described equivalents, in combination with a set
10 or series of sheets *A*, having cross-headed or T

projections at their backs, substantially as shown and described.

In testimony whereof I have hereunto set my hand at New York this 27th day of August, 1880, in the presence of two subscribing wit- 15 nesses.

EDWIN WHITING.

Witnesses:

JNO. H. AMBERG,

W. C. DEY.