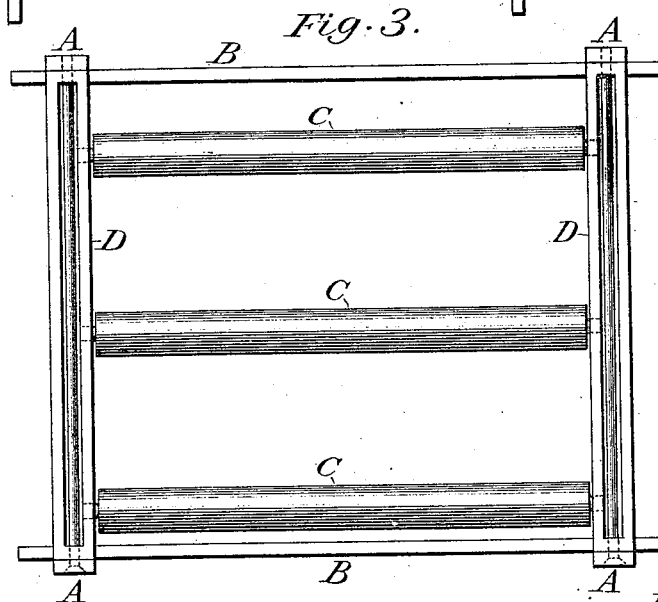
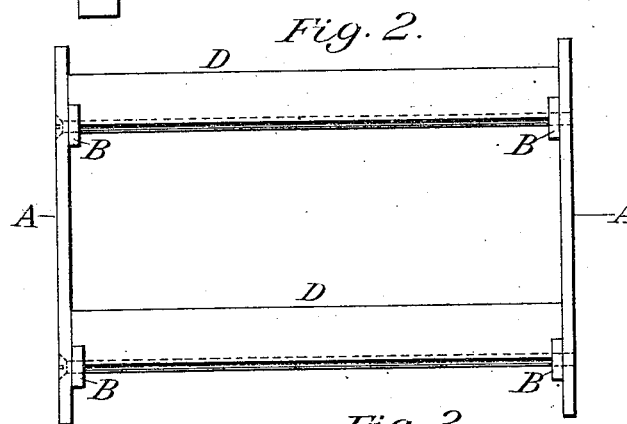
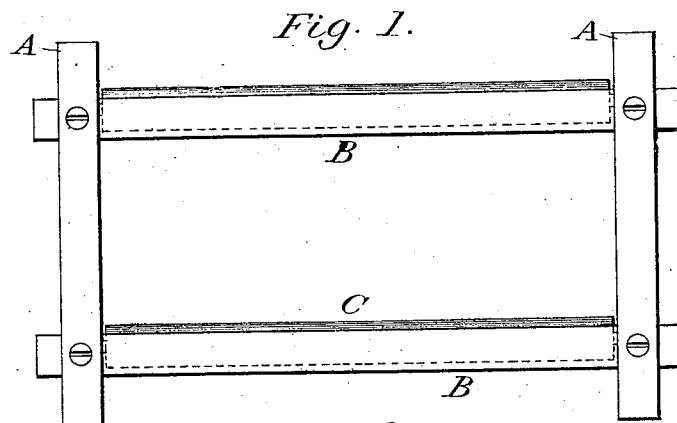


S. H. HARRIS.
Safe Case for Record Books.

No. 107,042.

Patented Sept. 6, 1870.



Witnesses:

Inventor.

L. L. Coburn
H. Bruns

Samuel H. Harris

UNITED STATES PATENT OFFICE

SAMUEL H. HARRIS, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN SAFE-CASES FOR BOOKS.

Specification forming part of Letters Patent No. **107,042**, dated September 6, 1870.

I, SAMUEL H. HARRIS, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Safe-Cases for Books, of which the following is a specification, reference being had to the accompanying drawing, and to the letters and figures marked thereon, which form a part of said specification.

The object and nature of my invention is to simplify and cheapen the manufacture of iron cases for books to be kept in fire-proof safes; and the nature of my invention consists in so locking the pieces of the frame together that a single bolt or rivet at each intersection of said pieces will fasten them together; and my invention further consists in making the roller for the fire-proof work of wood covered with thin metal, as hereinafter more fully described.

Description of the Drawing.

Figure 1 represents a front elevation of my case; Fig. 2, an end elevation, and Fig. 3 a top or plan view, of the same.

General Description.

A are the upright pieces of the frame, and B the front and rear pieces of the case, which may be made of any desirable length, as hereafter described. C are the rollers upon which the books rest, and D are cross-pieces extending across the case at the ends of the rollers, and also form bearings or supports for the rollers.

These cases are intended for record-books, and there may be a series of sets of rollers, one above another, in the same case; but it is intended that the upright pieces A will extend from the bottom to the top of the case, past all the different sets of rollers in one section of the case.

It will also be observed that the side pieces, B, may be extended, so that the same case may contain several sections of rollers, the drawing showing only one of said sections.

There is a cross-piece, D, at each end of each set of rollers, in which the rollers have bearings, and they also, by their ends resting against the upright pieces A, serve to hold them in place, and, by their ends being notched, they rest against the side pieces, B, and hold them firmly against the upright pieces A, while the pieces D are kept from being moved laterally by being let into notches in the pieces B, as clearly shown in Fig. 4; but these pieces are then locked in place by the rod or bolt E, which, by being so put into the case as not to allow the uprights A to spread apart or the side pieces to fall down, firmly secures all the pieces of the case together.

I prefer to make a screw-bolt of the rod or bolt E, because then the case can be put together without any riveting or heading of bolts.

The rollers C are made of wood, and covered completely with sheet metal. By making them of wood, they are light, cheap, and portable, and by covering them completely with metal the wood is not exposed to fire, and the advantages of iron rollers are obtained in fire-proof work.

Claims.

I claim—

1. The pieces A, B, and D in a case for record-books, when constructed and fastened together substantially as and for the purposes specified.
2. The rollers C in a case for record-books for fire-proof purposes, made of wood, and covered with sheet metal, substantially as specified and shown.

S. H. HARRIS.

Witnesses:

L. L. COBURN,
J. L. COBURN.