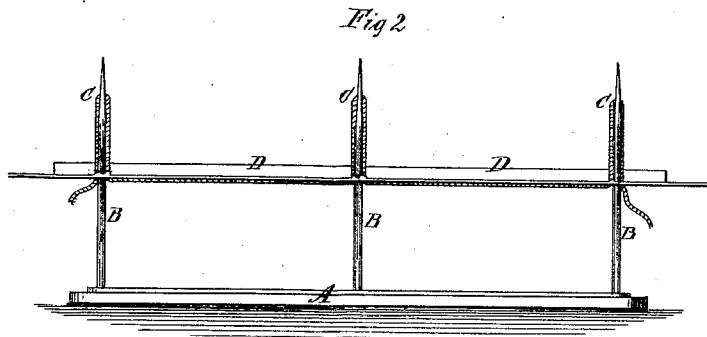
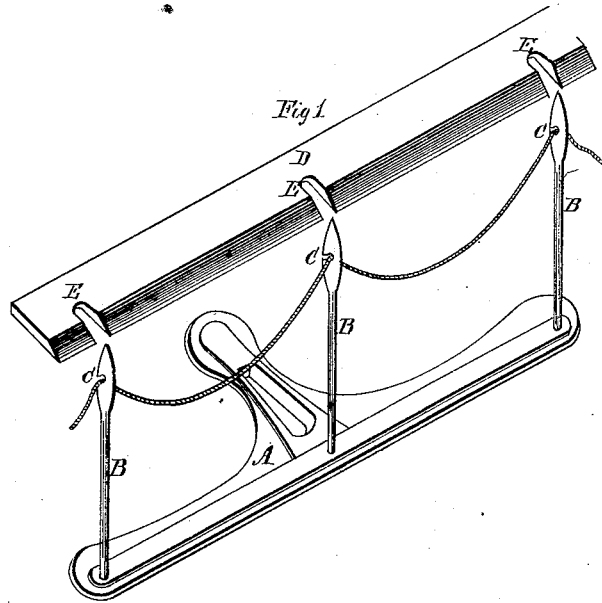


E. BUELL.
Temporary Binder.

No. 163,452.

Patented May 18, 1875.



WITNESSES.

J. W. Larned
C. H. Larned

INVENTOR.

Eckford Buell
per F. W. Lehmann

UNITED STATES PATENT OFFICE.

ECKFORD BUELL, OF COLUMBUS, OHIO.

IMPROVEMENT IN TEMPORARY BINDERS.

Specification forming part of Letters Patent No. **163,452**, dated May 18, 1875; application filed April 28, 1875.

To all whom it may concern:

Be it known that I, ECKFORD BUELL, of Columbus, in the county of Franklin and State of Ohio, have invented certain new and useful Improvements in Temporary Binders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to a temporary binder; and it consists in arranging a number of needles, provided with suitably-shaped eyes or slots for the reception of twine or cord in such a manner that, when papers are placed on file upon the needle, the papers may be lifted therefrom bound together by the twine previously placed in the slots of the needles; and also in facilitating the indexing of letters or papers, as will be more fully described hereafter.

The accompanying drawing represents my invention.

A represents an elongated plate, which may be so formed as to be fastened to a writing-desk by means of a screw or otherwise. In a straight line upon the plate A are secured three or more straight needles, B, of suitable length, at right angles with the said plate, and at a distance from each other best suited to form a bill-filer. The needles have lance-shaped points, and are provided with eyes or slots C, formed, as shown, for the reception of the twine or cord by which the file is to be bound. D represents a divider or gage, having on one of its edges the notches E at a distance from each other to correspond with the

distance between the needles of the bill-filer. To place papers on the file-holder, place the straight edge of the gage even with the top of the papers, and, holding papers and gage together, press down through the notches upon the points of the needles. If it is desired to bind the papers or bills on file, place a cord or twine in the slots of the needles, and lift the papers from the needles. The cord held in the slots will be drawn through the holes in the papers, forming, when detached therefrom, loops. Draw the twine of the end loops through to the side upon which the loops are formed, pass one of the ends through the loop or loops between the two ends, and tie the ends together.

To index the papers on file, find the letter or name that is wanted, place the twine in the needles, and lift the papers on top of the one sought after from the needles. The twine will hold the papers together, so that they can be easily replaced on file, after which draw out the twine.

Having thus described my invention, I claim—

The combination of the plate A, provided with the needles B, having the slots C in their upper ends to receive a cord, with the gage D, having the slots or recesses E in its edge, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 19th day of April, 1875.

ECKFORD BUELL.

Witnesses:

J. ROSE,
F. C. BURT.