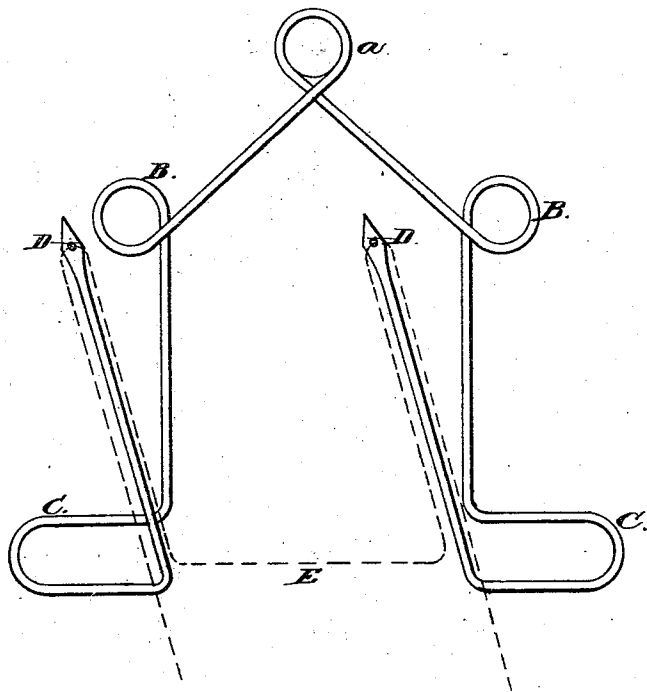


J. O. CLAY.

BILL-FILES.

No. 183,284.

Patented Oct. 17, 1876.



Witnesses:

Barter B. Williams.
John H. Hall.

Inventor:

J. O. Clay.

UNITED STATES PATENT OFFICE.

JAMES O. CLAY, OF AIKEN, SOUTH CAROLINA.

IMPROVEMENT IN BILL-FILES.

Specification forming part of Letters Patent No. **183,284**, dated October 17, 1876; application filed March 14, 1876.

To all whom it may concern:

Be it known that I, JAMES O. CLAY, of the city of Aiken, in the county of Aiken and State of South Carolina, have invented a new and useful Improvement in Bill and Letter Files, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

The object of my invention is to file that class of papers usually filed on hooks and nails, such as orders, bills, and postal cards, forming them into a book, and firmly sewing them together, thus giving them a compact form and a book easily referred to.

The file is illustrated more in detail in view, Figure 1. It is constructed of No. 12 wire, made of iron, brass, or steel, bent into a Gothic shape, forming the loop A at the top to hang it up by against the wall or desk. The coil B at the sides is designed to give strength to the frame, having sufficient length between the loop A and the coil B, so that I can, by pressing or stretching the sides at that point, narrow or widen the needles to suit the different sizes of papers. The projecting arms or

bow-shaped base C at the sides is designed to let a cover pass down through sufficiently large to cover the papers to be filed. The needle D that projects from the base or end of the bow has an eye in the flattened end sufficiently large to receive a cord or tape, which is passed through from one eye to the other, so when the papers are pressed on at the point of the needle D, thereby passing the cord E through them, each one as it is filed thus carrying the cord down perpendicular with the needles. Then by pulling the ends of the cord E from the eye of the needles, and tying them between the needles, gives the book form thus described.

I claim as my invention—

As an article of manufacture, a bill and letter file, constructed of wire bent to form the loops A B B and projecting arms C C, and having eyes in the flattened and pointed ends of the needles D.

JAMES O. CLAY.

Witnesses:

PORTER B. WILLIAMS,
JOHN M. HALL.