

(No Model.)

F. W. OWEN.
BILL FILE.

No. 546,244.

Patented Sept. 10, 1895.

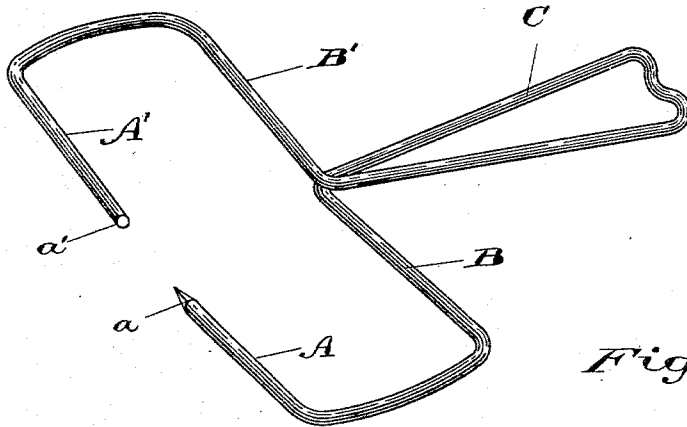


Fig. 1

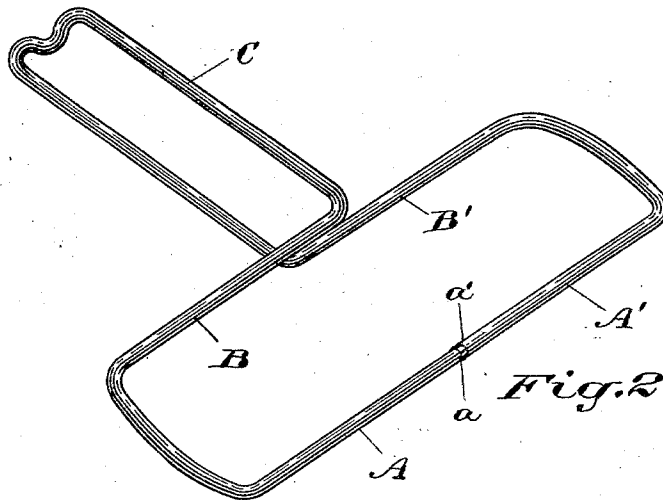


Fig. 2

Witnesses

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UNITED STATES PATENT OFFICE.

FREDERICK WALTER OWEN, OF TORONTO, CANADA.

BILL-FILE.

SPECIFICATION forming part of Letters Patent No. 546,244, dated September 10, 1895.

Application filed April 20, 1895. Serial No. 546,583. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK WALTER OWEN, of the city of Toronto, in the county of York and Province of Ontario, Canada, have
5 invented certain new and useful Improvements in Bill-Files; and I hereby declare that the following is a full, clear, and exact description of the same.

This invention relates to a simple, cheaply-
10 manufactured, and easily-operated bill-file; and the invention consists, essentially, of forming the arched receiving-standards and the handle from a continuous piece of spring-steel wire, so arranged that by the compression of the handle the jaws of the arched receiving-standards may be opened to allow of
15 the arched receiving-standards receiving the papers or documents to be filed, and to so shape the ends of the arched receiving-standards that they will serve as a perforator to puncture the paper while it is being placed on the
20 bill-file, the whole device being hereinafter more fully set forth, and more particularly pointed out in the claim.

25 In the drawings, Figure 1 is a perspective view showing the jaws of the bill-file open. Fig. 2 is a perspective view showing the jaws of the bill-file closed.

Like letters of reference refer to like parts throughout the specification and drawings.

The bill-file consists of two arched receiving-wires A A', respectively. The end *a* of the arched receiving-wire A is pointed to puncture or perforate the paper or document
35 to be filed, while the end *a'* of the arched receiving-wire A is recessed to receive the pointed end *a* of the arched receiving-wire A'. The total length of the arched receiving-wires A A' is approximately four inches, although
40 I do not confine myself to any particular length for the said arched receiving-wires. The end of the arched receiving-wires opposite the ends *a a'* are arched, and the wire is

folded back parallel with the arched receiving-wires A A' to form with the arched receiving-wires A A' an oblong figure. The
45 sides B B' of the oblong figure respectively opposite the arched receiving-wires A A' cross each other, and the material from which the said sides are formed is bent outwardly at
50 right angles to the said sides to form an oblong handle C of one continuous piece with the sides B B'. It might here be stated that the arched receiving-wires A A', the sides B B', and the handle C are preferably made of
55 one continuous piece of spring-steel wire. By compressing together the opposite sides of the handle C the jaws of the arched receiving-wires are sprung asunder into the position shown in Fig. 1, and by releasing the pressure
60 on the opposite sides of the handle C the resiliency of the material of the bill-file will bring together the jaws of the arched receiving-wires to enable the bill-file to assume the position shown in Fig. 2. By constructing the
65 arched receiving-wires and the handle of one continuous piece of spring-steel wire it is possible to make a cheaply-manufactured, easily-operated, simple, and effective bill-file.

Having thus fully described my invention,
70 what I claim as new, and desire to secure by Letters Patent, is—

A bill file consisting of oblong shaped arched receiving wires, an oblong shaped handle in one continuous piece with the arched
75 receiving wires, the compression of the opposite sides of which is adapted to render asunder the arched receiving wires, and perforating points for the arched receiving wires to puncture the document or paper filed, substantially as specified.

Toronto, April 13, A. D. 1895.

FREDERICK WALTER OWEN.

In presence of—

DONALD C. RIDOUT,
J. E. CAMERON.