

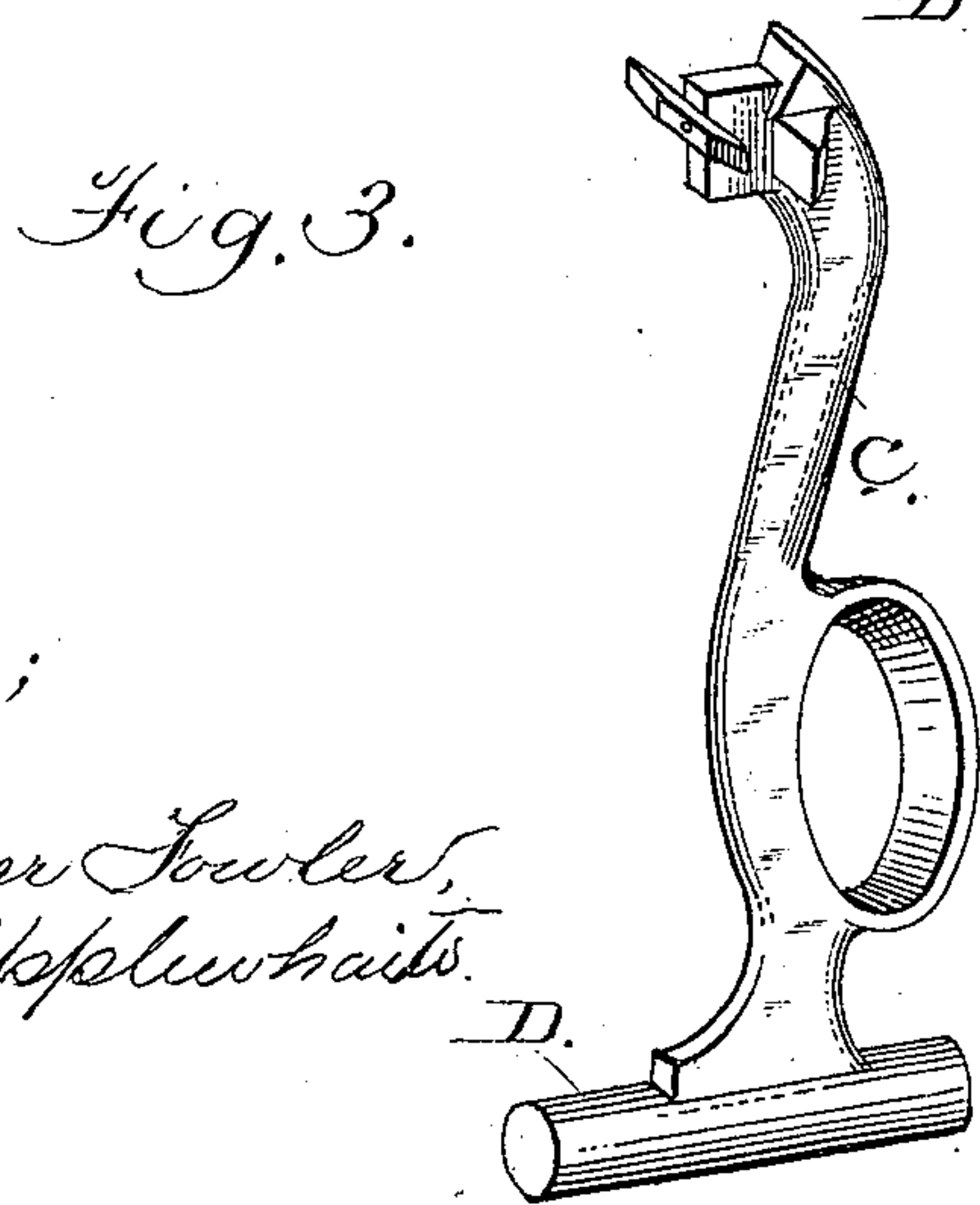
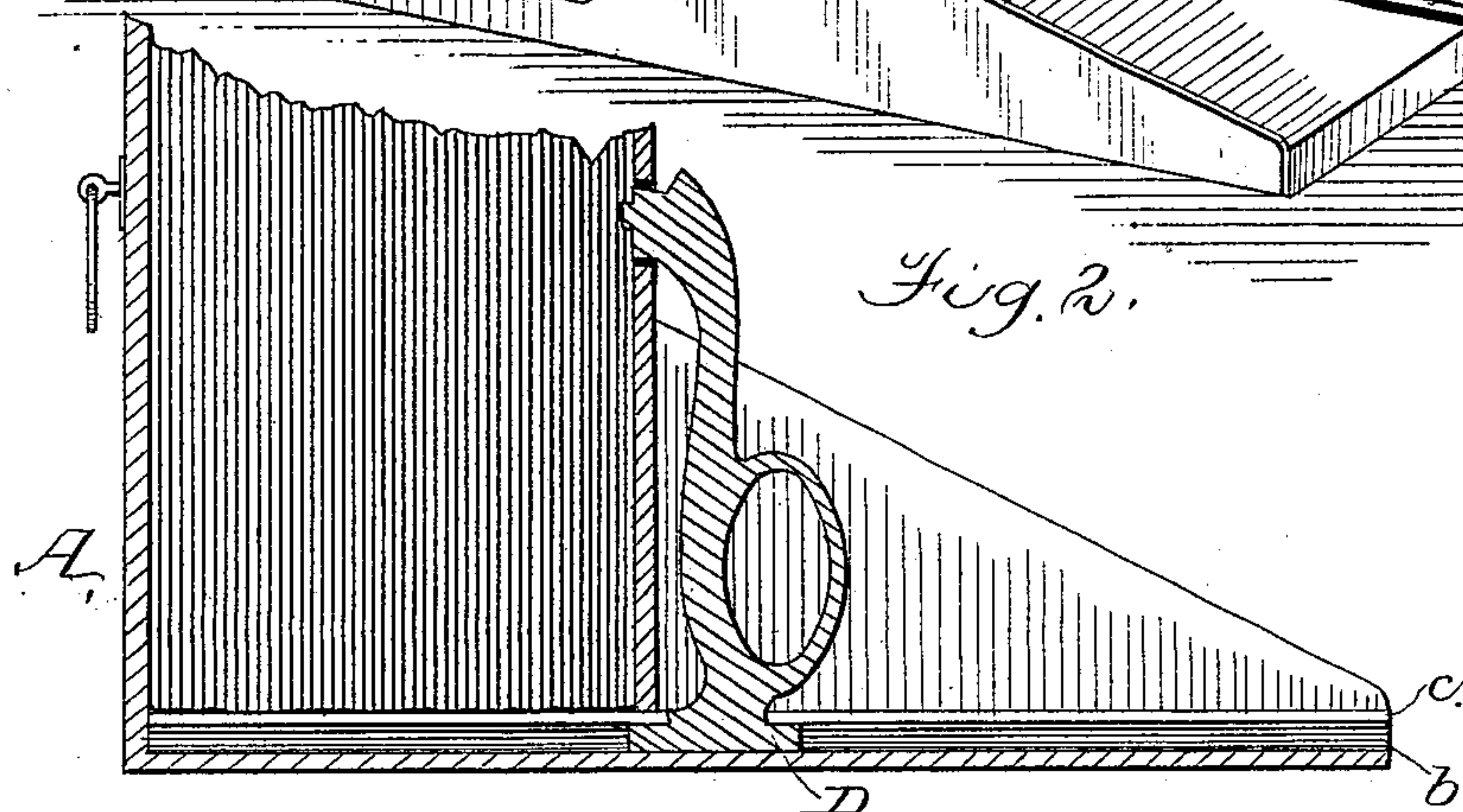
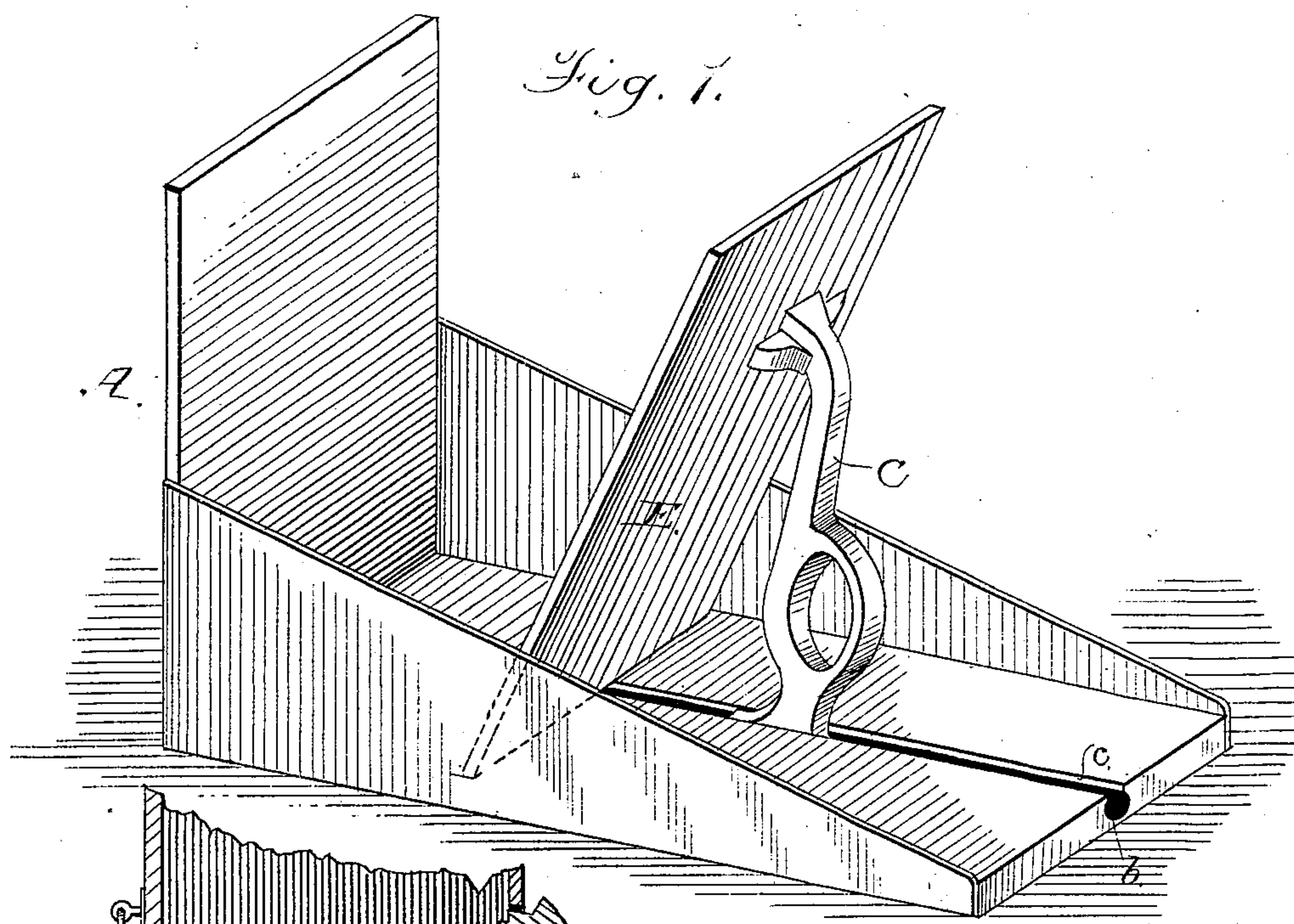
(No Model.)

C. W. HAYES.

BILL FILE.

No. 253,041.

Patented Jan. 31, 1882.



Attest;
J. Walter Fowler,
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Inventor;
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UNITED STATES PATENT OFFICE.

CHARLES W. HAYES, OF WASHINGTON, DISTRICT OF COLUMBIA.

BILL-FILE.

SPECIFICATION forming part of Letters Patent No. 253,041, dated January 31, 1882.

Application filed July 16, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. HAYES, of Washington city, District of Columbia, have invented a new and useful Improvement in
5 Paper-Files, of which the following is a clear, full, and exact description, reference being had to the accompanying drawings, making a part of this specification, in which—

10 Figure 1 is a perspective view of a paper-file with my improvement attached. Fig. 2 is a sectional view of same when in use. Fig. 3 is a view of my improved lever-clamp when detached.

15 The object of my invention is to provide a file for holding papers, books, and other similar articles; and it consists in the combination of devices hereinafter described and claimed.

20 To enable others skilled in the art to make and use my invention, I will proceed to describe the exact manner in which I have carried it out.

25 In the drawings, the case A is of the ordinary construction, provided with a single circular opening, *b*, in the bottom, extending longitudinally and connected to upper surface of the bottom by the slot *c*.

30 The lever C is provided with the round bar D, which fits snugly in the circular opening *b*, while the point of the lever where it unites with the bar D is fitted to slide snugly through the slot *c* until it is brought to the desired position against the papers to be held.

35 The file board E is secured to the upper end of the lever C by any well-known means, and should be allowed to have a slight vertical play

at the point of fastening, so as to allow it to accommodate itself to the papers to be held.

40 It is evident from the foregoing description that when the lever C, with its file-board, is moved up to the material to be secured, it will readily retain its position, the back-pressure being against the upper end of the lever, while the lower end is rigidly attached to the longitudinal bar D, moving in the longitudinal opening *b*.

45 I am aware it is not new to make clamp-levers with transverse lugs, one set forming the center of the arc of a circle in which the lever moves, and another set acting as stops to check the movement of the lever, as shown in the
50 patent to Woodruff and Green. The purpose of my improvement is to simplify and cheapen this construction, and at the same time impart much additional strength to the file.

55 Having thus explained my invention, what I claim to be new, and desire to secure by Letters Patent, is—

60 As an improved article of manufacture, a paper-file provided in its bottom with the longitudinal opening *b* and slot *c*, and having the lever C, provided with the longitudinal bar D, fitting and conforming throughout its length to the opening *b*, and file-board E, all constructed to operate substantially as and for the purpose set forth.

CHARLES W. HAYES.

Witnesses:

JOHN B. GOULD,

H. B. APPLEWHITE.