

(No Model.)

2 Sheets—Sheet 1.

C. F. HAYNES.

BOOK REST FOR SCHOOL DESKS, TABLES, &c.

No. 573,089.

Patented Dec. 15, 1896.

FIG. 1.

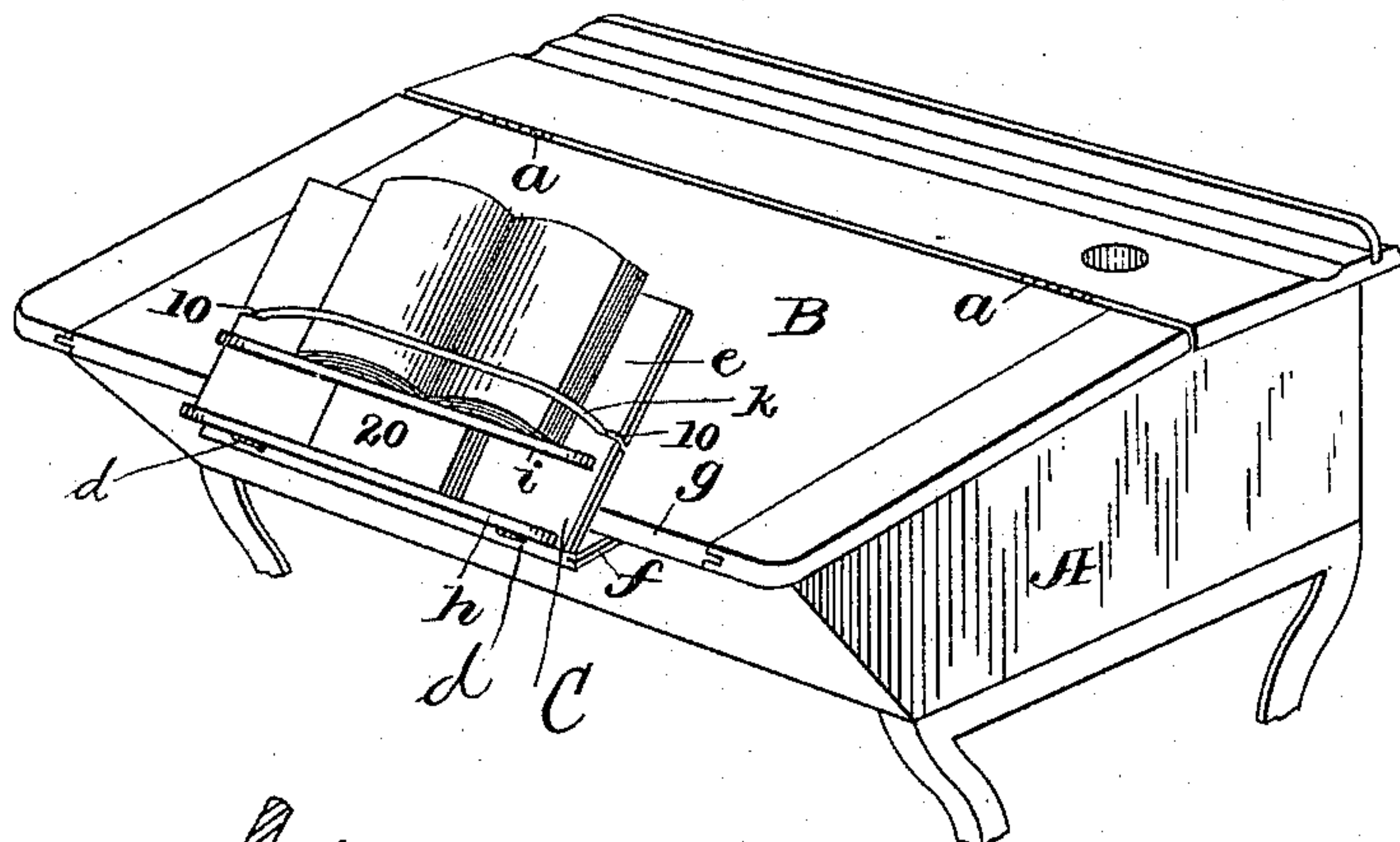


FIG. 2.

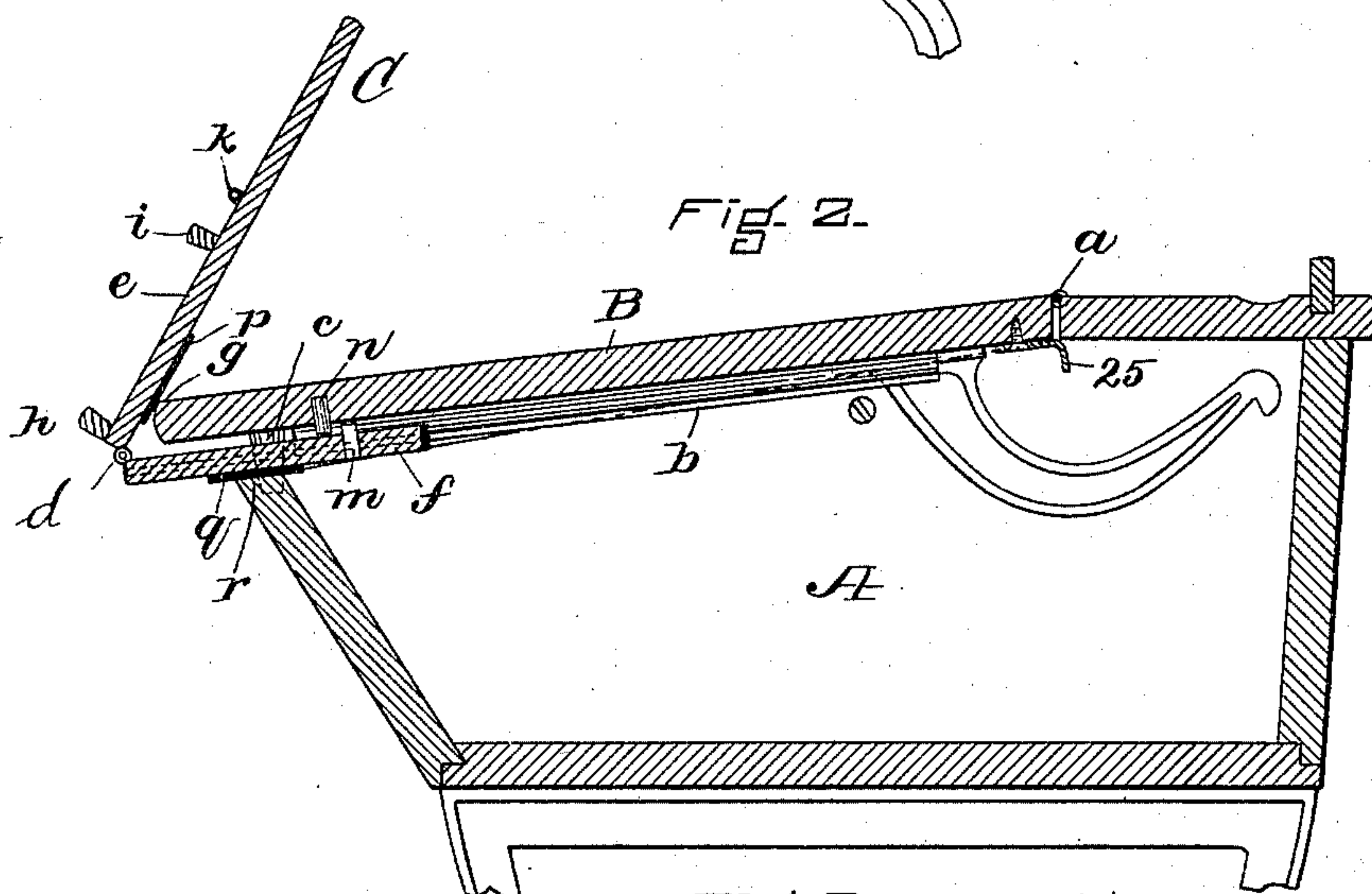
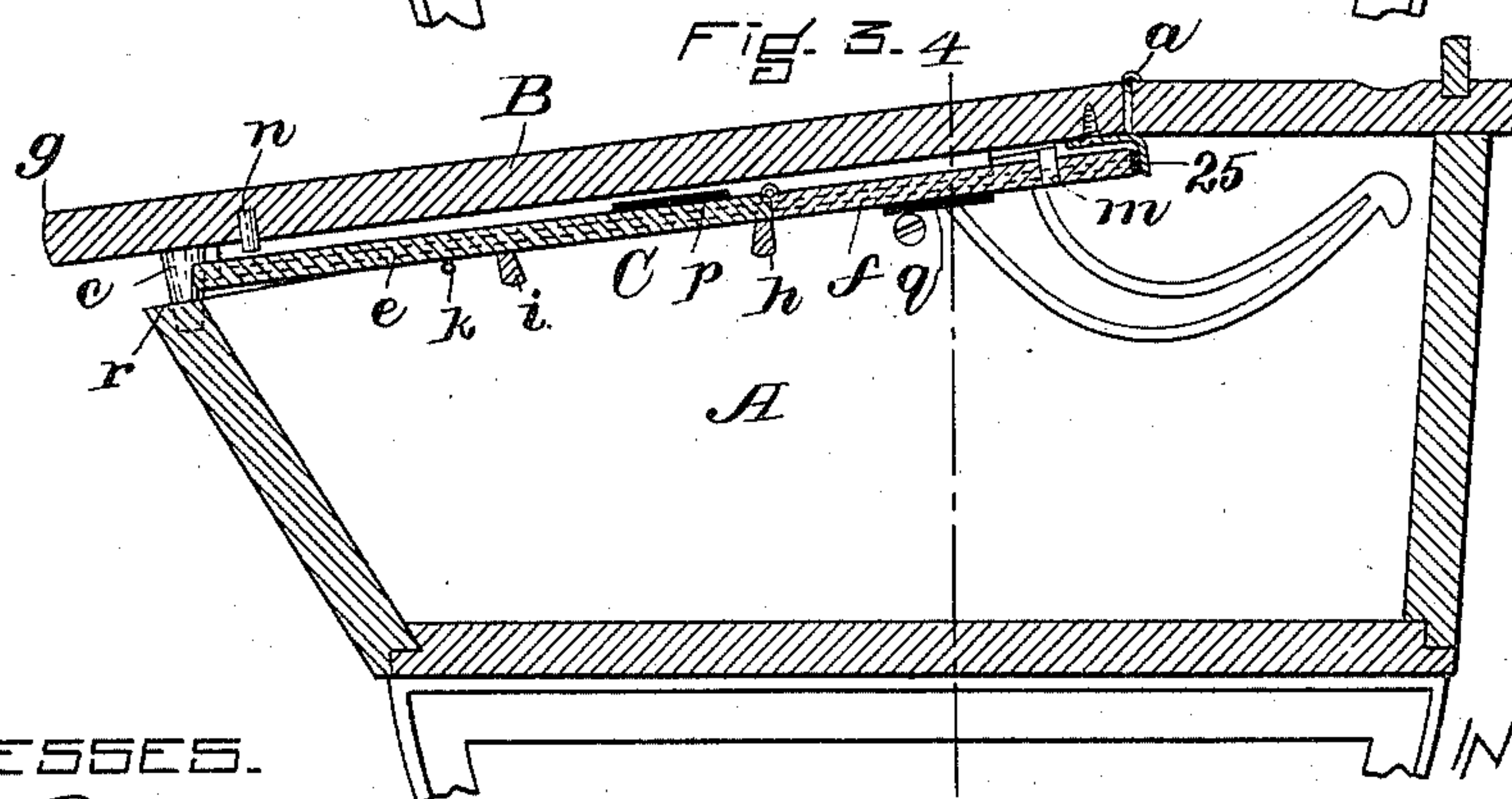


FIG. 3-4.



WITNESSES.

A. D. Grover.  
B. E. Shattuck

INVENTOR.

Charles F. Haynes  
by J. E. Schenck  
Att'y

(No Model.)

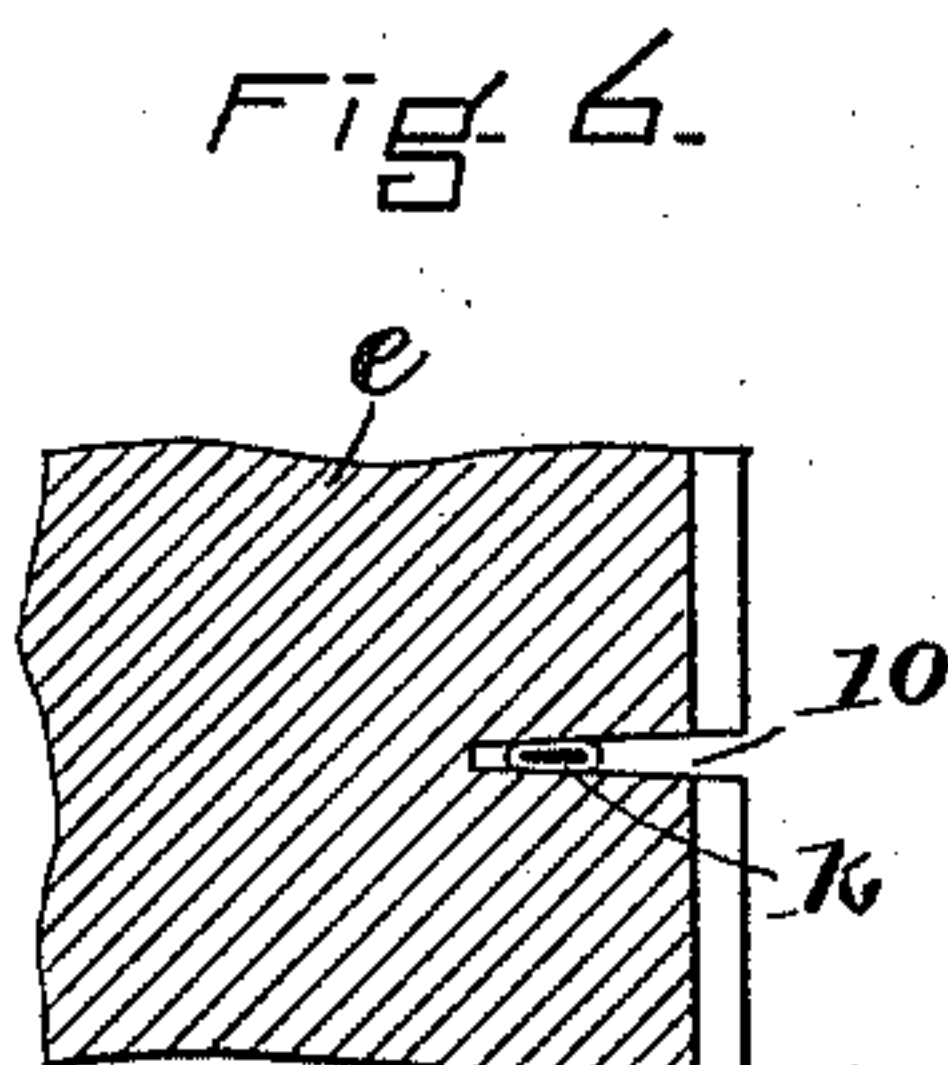
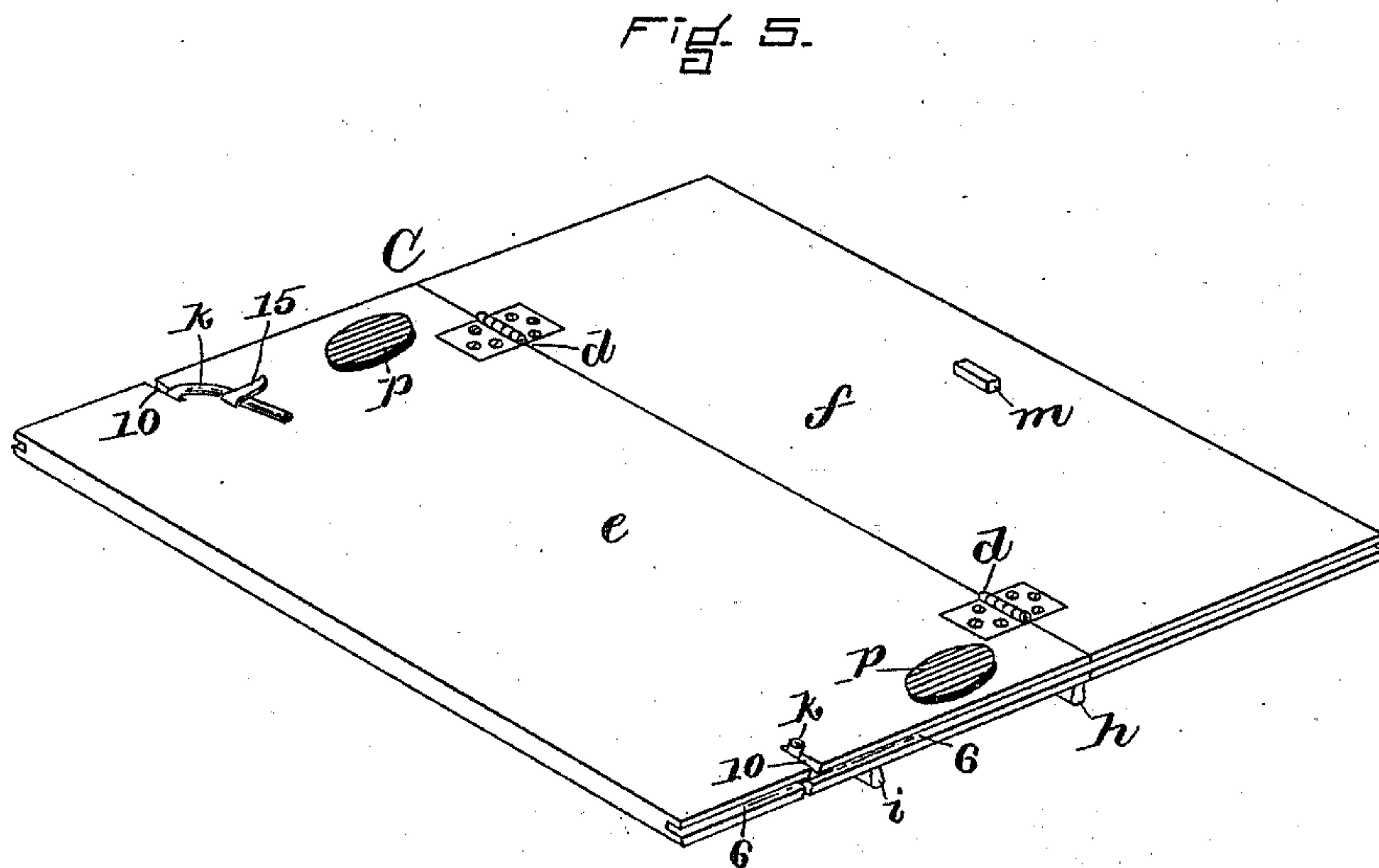
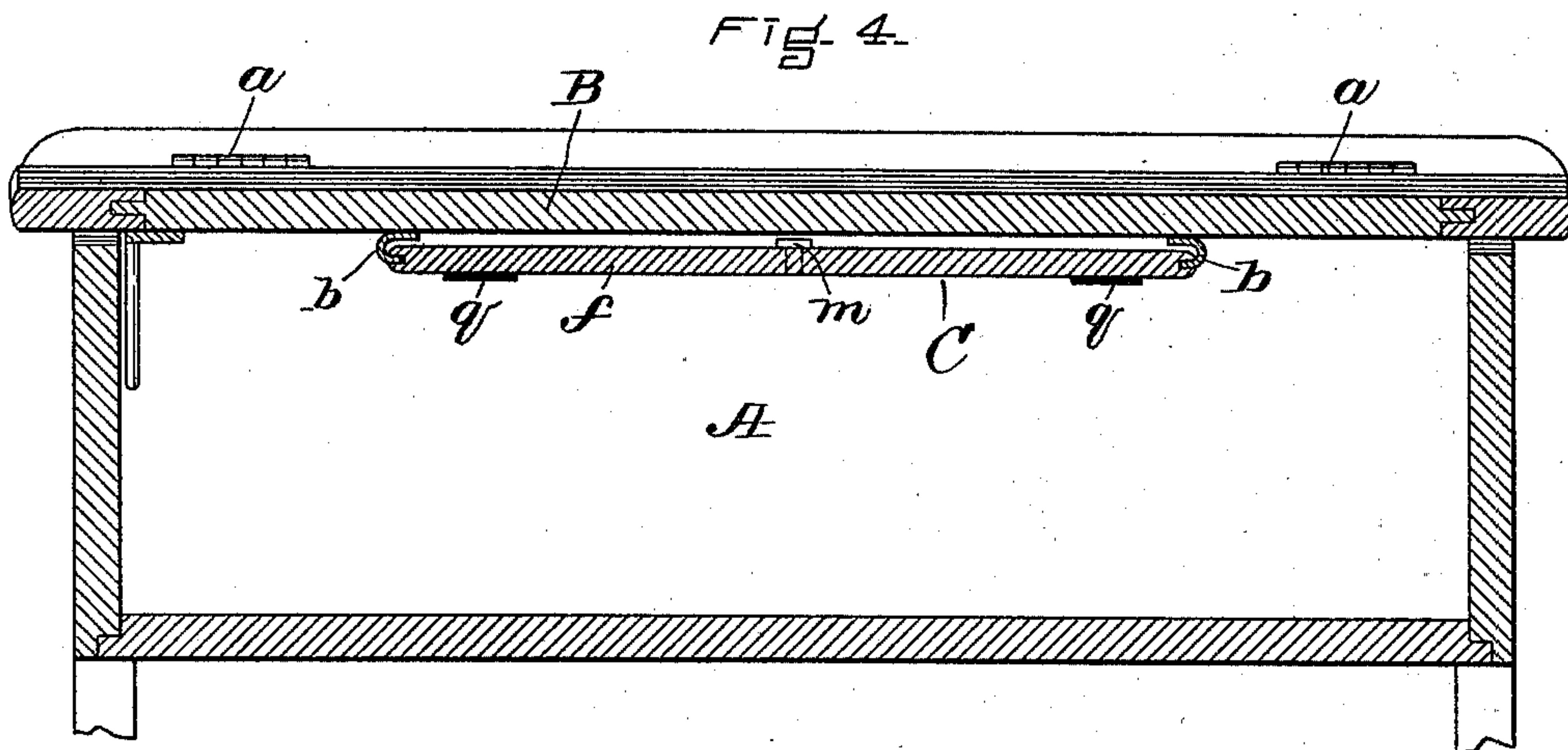
2 Sheets—Sheet 2.

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WITNESSES.

A. D. HUNT.

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INVENTOR.

Charles F. Haynes  
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# UNITED STATES PATENT OFFICE.

CHARLES F. HAYNES, OF BOSTON, MASSACHUSETTS.

## BOOK-REST FOR SCHOOL-DESKS, TABLES, &c.

SPECIFICATION forming part of Letters Patent No. 573,089, dated December 15, 1896.

Application filed July 22, 1896. Serial No. 600,157. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES F. HAYNES, a citizen of the United States, residing at Boston, (Brighton,) in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Book-Rests for School-Desks, Tables, and the Like, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of a school-desk having my improved sliding book-rest applied to its top or cover, the book-supporting leaf being drawn out and folded over upon the edge of the desk-cover in a position for use. Fig. 2 is an enlarged vertical section of the same. Fig. 3 is an enlarged vertical section showing the book-rest slid in under the desk top or cover. Fig. 4 is a vertical section on the line 4 4 of Fig. 3. Fig. 5 is a perspective view of the sliding leaf detached from the desk top or cover. Fig. 6 is a sectional detail on the line 6 6 of Fig. 5.

My invention has for its object to provide a simple, compact, and convenient book-rest for school-desks, tables, and the like which can be readily drawn out and folded over into a position for use and when not required can be slid in under the top or cover of the desk or other article of furniture to which it is applied and entirely concealed from view.

To this end my invention consists in the combination, with a desk-top, table, or like article, of a flat leaf sliding beneath the same on suitable guides, said leaf being composed of two pieces or members hinged together, the outer portion of said leaf when drawn out being adapted to turn or fold over on its hinges and rest at an angle against and in adjustable contact with the front edge of the desk-top or table to form a book-rest, as hereinafter fully set forth; and my invention also consists in certain novel combinations of parts and details of construction, as herein-after set forth and specifically claimed.

In the said drawings, A represents the body of a school-desk, and B the top or cover of the same, hinged at *a a* to admit of its being raised in the usual manner.

C is a leaf which is arranged to slide be-

neath the cover B, its edges engaging a pair of cleats or guides *b b*, secured to the under side of said cover parallel with the sides of the same.

*c c* are rubber buffers or cushions which extend up from the desk-body to prevent noise when the cover is shut down.

The leaf C is composed of two separate pieces or members *e f*, hinged together at *d d* in such manner that when the leaf is drawn out its outer member or portion *e* can be raised and turned or folded over, as shown in Figs. 1 and 2, onto the front edge *g* of the desk top or cover B, which thus supports it at the desired angle, in which position it forms a convenient rest to support a book, said rest being provided at its bottom with the usual horizontal ledge *h* and also with a second ledge *i* upon which to rest the book, as shown in Fig. 1.

An elastic cord *k* is preferably employed to retain the book open without the assistance of the hands. I prefer to employ a hollow or tubular cord to allow of its ends being compressed within narrow slits 10, Figs. 1, 5, and 6, formed in the sides of the outer portion *e* of the folding leaf, said slits being made tapering or wedge-shaped to bite the ends of the elastic cord and clamp the same when pushed in toward the narrower inner ends of the slits. The tension of the elastic cord can thus be easily regulated by changing the position of either end in its clamping-slit. A spring-metal clasp 15 is secured to the portion *e* of the leaf under which the surplus end of the elastic cord *k* is confined, as shown in Fig. 5.

The space between the two ledges *h i* may be utilized for the reception of a paper block 20 on which to take notes, said block fitting between said ledges and being held thereby, as shown.

The inner member *f* of the leaf C is provided with a stop or projection *m*, adapted to be brought into contact with a stop *n*, projecting down from the under side of the desk-top to limit the outward movement of the leaf and prevent it from being drawn out of the guides *b b*, and at the inner end of the desk-top, near the point where it is hinged, is a stop 25, which serves to limit the inward move-



ment of the sliding leaf and prevent it from dropping down into the desk when the cover is raised.

The outer portion *e* of the leaf *C* is provided with one or more rubber cushions or guards *p*, which when said portion *e* is turned over into the position shown in Figs. 1 and 2 rest upon the edge *g* of the desk-top, thus protecting the same from being marred, and by their frictional contact therewith preventing the leaf from slipping, whereby it is securely held in position after the portion *e* has been adjusted at the desired angle, which is effected by pulling out the leaf more or less, as may be required. As an additional safeguard against slipping I prefer to provide the under surface of the rear or inner portion *f* of the leaf with one or more rubber cushions *q*, which rest upon the front upper edge *r* of the body of the desk when said leaf is drawn out, and by their frictional contact therewith, due to the weight of the said desk-cover, effectually prevent any sliding movement of the leaf which would tend to vary the angle of inclination of the book-rest.

Although I have shown my invention as applied to a school-desk, it is obvious that it may be applied to other descriptions of desks, or to tables or other articles of furniture to which it may be found to be adapted.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The combination with a desk-top, table, or the like, of a sliding leaf mounted thereunder and comprising two parts or members hinged together at their adjacent edges; the outer member of the leaf having a flat upper face to rest against, and in adjustable sliding contact with, the front edge of said desk or table top, when said member is swung up into its operative position; whereby when the leaf is drawn out the outer member thereof may be adjusted at any desired angle by simply

moving the inner leaf member a slight distance in or out, substantially as set forth. 45

2. The combination with a desk-top, table, or the like, of a flat leaf sliding beneath the same on suitable guides, said leaf being composed of two parts or members hinged together, the outer portion of the leaf when drawn out being adapted to turn or fold over at an angle against and in adjustable contact with the front edge of the desk-top or table to form a book support or rest, and said outer portion being provided on its upper side adjacent to its hinged edge with one or more rubber cushions adapted to contact with the front edge of the desk-top or table and by their frictional contact therewith, hold the outer section in its adjusted position substantially as described. 50 55 60

3. The combination with a desk-top or table, of a flat leaf sliding on guides beneath the same and composed of two parts or members hinged together, the outer portion of the leaf when drawn out being adapted to turn or fold over against and in adjustable contact with the front edge of the desk-top or table to form a book-rest, and said outer portion of the leaf being provided on its upper side adjacent to its hinged edge with one or more rubber friction-cushions for contact with the said front edge of the desk-top, and the inner portion of the leaf being provided on its under side with one or more rubber friction-cushions for contact with the front edge of the body of the desk to prevent the sliding leaf from slipping when adjusted in position, substantially as described. 65 70 75

Witness my hand this 20th day of July, 80 A. D. 1896.

CHARLES F. HAYNES.

In presence of--

P. E. TESCHEMACHER,  
J. L. HENDRY.