

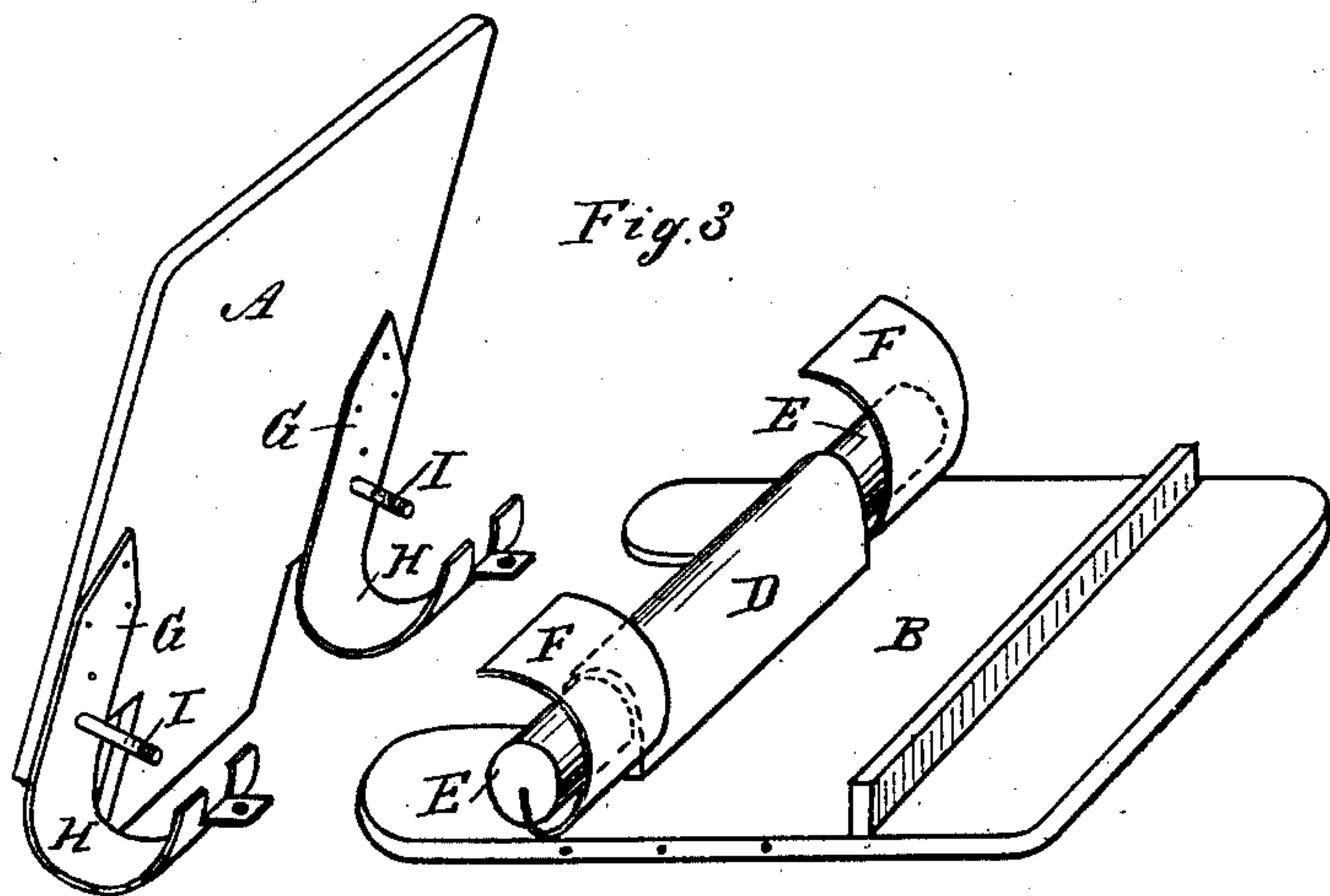
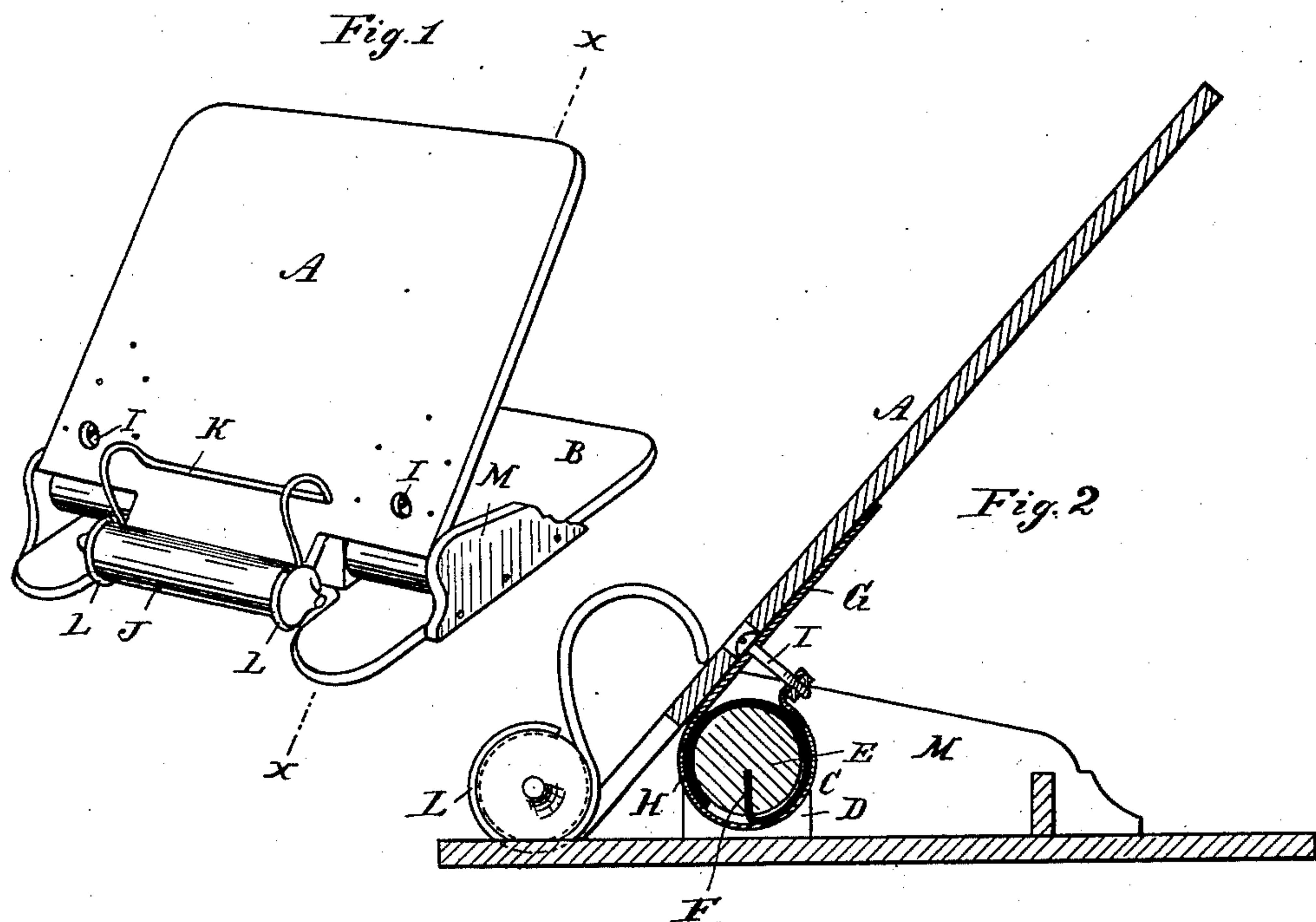
(No Model.)

A. C. BROWER.

BOOK REST.

No. 359,056.

Patented Mar. 8, 1887.



Inventor:

Addison C. Brower.

by his Atty
Thos. S. Sprague

Attest:

John Schuman.

[Signature]

UNITED STATES PATENT OFFICE.

ADDISON C. BROWER, OF PLYMOUTH, MICHIGAN.

BOOK-REST.

SPECIFICATION forming part of Letters Patent No. 359,056, dated March 8, 1887.

Application filed November 4, 1886. Serial No. 217,932. (No model.)

To all whom it may concern:

Be it known that I, ADDISON C. BROWER, of Plymouth, in the county of Wayne and State of Michigan, have invented new and useful
5 Improvements in Book-Rests; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to an improvement in book-rests; and the invention consists in the peculiar construction of a friction-hinge, by means of which the rest is made adjustable to any desired inclination; and it also consists in
15 a novel construction, arrangement, and combination of different parts, all as hereinafter more fully described, and specifically set forth in the claims.

In the drawings which accompany this
20 specification, Figure 1 is a perspective view of my improved book-rest. Fig. 2 is a cross-section through one of the hinges, as indicated by the line *xx* in Fig. 1. Fig. 3 is a perspective view of the parts described.

25 A is the inclined rest, which is secured to a suitable foot, B, by means of hinges C, which are constructed as follows: A cleat, D, is secured near the front edge of the foot, and this cleat is rounded off upon its ends to form the
30 hinge-pins E, to which are secured the leaf-springs F.

G are straps of sheet metal—preferably spring metal—secured to the inclined rest A, and forming with their free ends the eyes H
35 of the hinges, which are formed open and provided with adjusting-screws I, by means of which said eyes may be made smaller or larger. The relative sizes of the eyes of the hinges and the hinge-pin are such that an open space is
40 formed between them, within which the springs F may be freely coiled around the hinge-pin,

and by their frictional contact with the eye of the hinge produce sufficient friction to hold the rest A at any desired inclination, the screws I permitting of increasing or diminishing such
45 friction, as may be found convenient, to counteract the weight of the rest and superimposed book.

J is a stop secured to the lower end of the rest, and K is a bail made of spring-wire and
50 provided with eyes L, by means of which it is secured in frictional engagement upon the ends of the stop J in suitable annular grooves, so that the eyes L will hold the bail K sufficiently
55 firm upon the leaf of the book to prevent its displacement when turned down upon the leaf of the book.

The ends of the hinges are preferably covered over by cheeks M, secured to the foot B.

What I claim as my invention is—

60 1. In a book-rest, the combination of the inclined rest A, the foot B, and the friction-hinges C, connecting said foot and rest, and means for increasing or decreasing the friction, substantially as described.

2. In a book-rest, in combination with the inclined rest A and foot B, the friction-hinge C, consisting of the hinge-pin E, the strap G, having eye H, the adjusting-screw I, and the
70 spring F, secured to the hinge-pin and inclosed within the eye of the hinge, substantially as described.

3. In a book-rest, the combination of the inclined rest A, the stop J, and the bail K, provided with the eyes L, engaging by frictional
75 contact in annular grooves of the stop J, all substantially as described.

ADDISON C. BROWER.

Witnesses:

E. SCULLY,
H. S. SPRAGUE.