

R. L. DALGLISH.
 BOOK REST.
 APPLICATION FILED APR. 1, 1915.

1,197,351.

Patented Sept. 5, 1916.

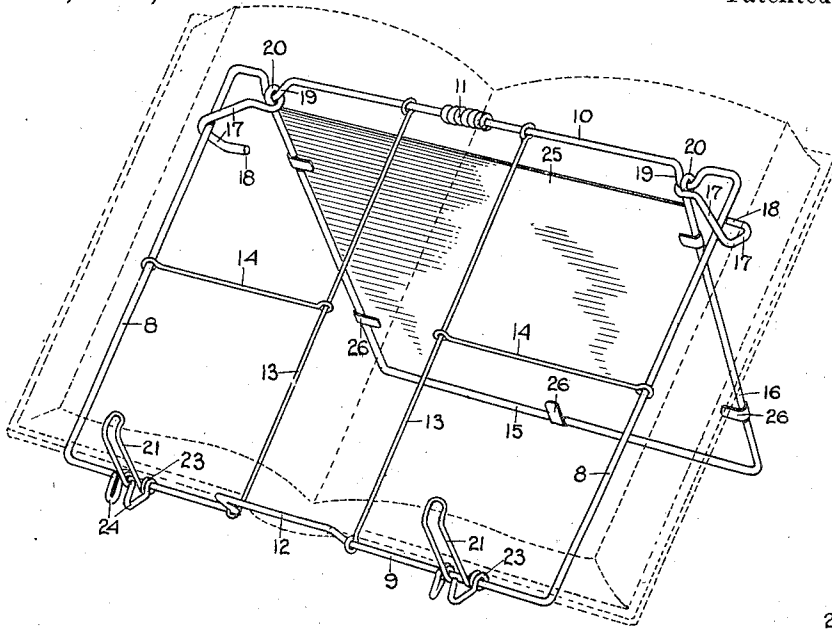


Fig. 1.

Fig. 2.

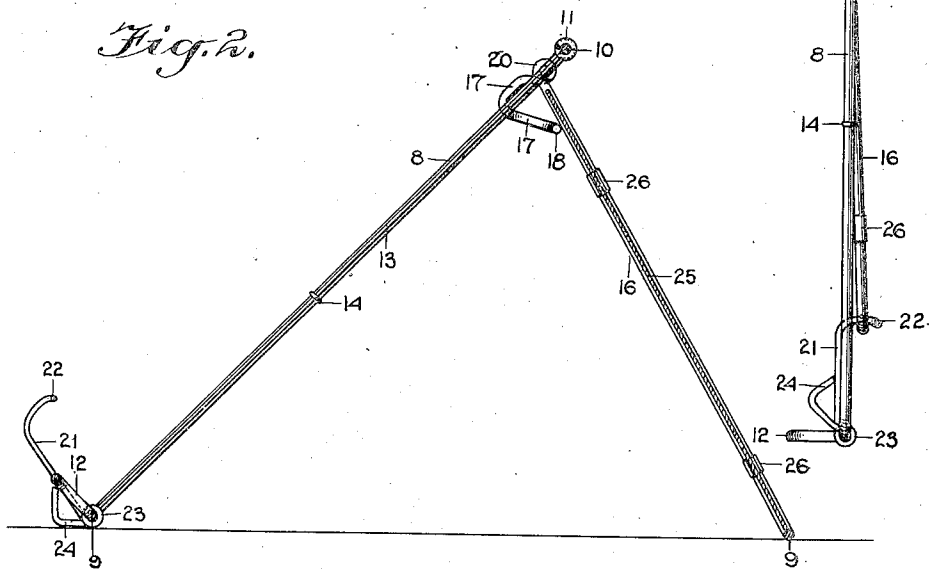
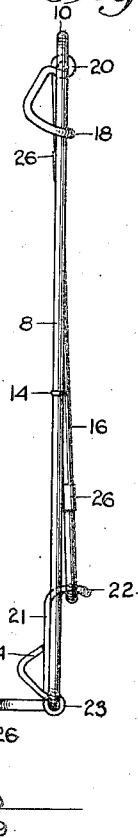


Fig. 3.



WITNESSES

Geo. Maylor
E. M. Moore

INVENTOR
 Robert L. Dalglish
 BY *Mund Co*
 ATTORNEYS

UNITED STATES PATENT OFFICE.

ROBERT LOCKHART DALGLISH, OF OKANAGAN MISSION, BRITISH COLUMBIA, CANADA.

BOOK-REST.

1,197,351.

Specification of Letters Patent.

Patented Sept. 5, 1916.

Application filed April 1, 1915. Serial No. 18,628.

To all whom it may concern:

Be it known that I, ROBERT L. DALGLISH, a subject of the King of Great Britain, and a resident of Okanagan Mission, in the Province of British Columbia and Dominion of Canada, have invented a new and Improved Book-Rest, of which the following is a full, clear, and exact description.

Among the principal objects which the present invention has in view are: to provide for a rest of the character mentioned, a cheap, light construction; to provide means integrally formed therewith for limiting the movement of a prop with which the rest is provided; and to reduce the cost of manufacture of the article hereinafter described.

Drawings.—Figure 1 is a perspective view of a book-rest constructed and arranged in accordance with the present invention, the dotted lines shown in conjunction therewith illustrating the book outspread thereon; Fig. 2 is a vertical section of the rest shown in Fig. 1, the section being taken on the median plane thereof; Fig. 3 is an edge view of the rest shown in its folded arrangement.

Description.—As seen in the drawings, a rectangular frame or grid is formed from a single piece of wire bent to form side bars 8, a foot bar 9, and a top bar 10, the end of the piece or wire being rolled or twisted together to form a union 11, as best seen in Fig. 1 of the drawings. The foot bar 9 is bent at the middle section thereof to form an outwardly-projecting foot-rest 12. The frame is reinforced by brace wires 13, which structurally unite the foot and top bars 9 and 10, and by bridge wires 14, which connect said brace wires 13 and the adjacent side bars 8. It will be noted that between the wires 13—13 and the side bars of the rest 12 a channel-like space is formed, which facilitates the handling of books by permitting the hinge portion thereof to recede when turning a leaf or when opening the book. A back frame or prop is constructed from a second single piece of wire which is bent to form a foot bar 15, side bars 16 and gage arms 17. The arms 17 have at the ends thereof hooks 18 which engage the side bars 8 of the rest frame when the prop is folded close thereon. The prop is pivotally connected with the top bar 10, said bar having depressed or offset hinge portions 19, about which the wire of the prop is wrapped to form hinge loops 20, shown best in Fig. 1 of the drawings. The

gage arms 17 engage the side bars 8 when the prop at the back is outspread in the reading or standing position of the rest, and prevents a further spread thereof, as shown in Fig. 2 of the drawings. When the prop is folded upon the rest, as shown in Fig. 3 of the drawings, auxiliary rest arms 21 engage the foot bar 15 thereof by means of hooks 22, likewise seen in Fig. 3 of the drawings. In this position the hooks 18 engage the side bars 8 slightly in advance of the engagement effected by the hooks 22 with the foot bar 15, thereby introducing a slight tension on the side bars 16 of the back frame for preventing the members rattling when folded. The rest arms 21 are each constructed from single pieces of wire having formed therein coils 23 wrapped about the foot bar 9 to form pivotal connection therewith. Extensions of the ends of the wire forming the rest arms 21, provide foot brackets 24, as shown best in Fig. 2 of the drawings.

Operation.—When constructed as described and as shown in the accompanying drawings, the book-rest is operated as follows:—When inactively disposed, or when not in service, the back is folded upon the front in the manner as shown in Fig. 3 of the drawings. In this position the back is held by the hooks 22 of the rest arms 21. The space occupied by the book-rest when thus arranged, is minimized, and the article is adapted for disposal in a satchel or other package. When called into service, the operator grasps the bar 15 and the ends of the hooks 22, lifting the latter from engagement with the former. The back is then swung until the arms 17 engage the bars 8, as in the position shown in Fig. 1 of the drawings. The auxiliary rest arms 21 are then moved to the position shown in Figs. 1 and 2 of the drawings, and the book-rest is in position to receive and support, magazine, newspaper, or other article. When after using it is desired to pack or dispose of the rack, this is accomplished by lifting the auxiliary rest arms 21 to the position shown in Fig. 3 of the drawings, and the back is brought forward until the bar 15 thereof is engaged by the hooks 22 of the arms 21, likewise shown best in Fig. 3 of the drawings. When desired, a cardboard or other panel 25 is mounted between the bars 15 and 16, being secured thereto by means of spring clips 26, which clips enfold said bars, as

shown best in Fig. 1 of the drawings. The panel 25 may be employed to receive memoranda or advertising matter, as desired.

Claims:

- 5 1. A book-rest comprising a plurality of skeleton back and front frames, said frames being each formed from a single piece of wire; gage arms integrally formed from said back frame and adapted for engage-
 10 ment with said front frame, to limit the relative movement of said frames, and a plurality of foot-rests pivotally mounted on said frames, at the lower edge thereof for supporting a book, said foot-rests having
 15 hooks for engaging the lower bar of said back frame for holding the same in closed relation to said front frame against the tension of said gage arms.
- 20 2. A book-rest comprising a plurality of skeleton back and front frames, said frames being each formed from a single piece of

wire; gage arms integrally formed from said back frame and adapted for engagement with said front frame, to limit the relative movement of said frames, and a plu- 25
 rality of foot-rests pivotally mounted on said frames, at the lower edges thereof for supporting a book, said foot-rests having hooks for engaging the lower bar of said back frame for holding the same in closed 30
 relation to said front frame against the tension of said gage arms, said foot-rests being further provided with foot brackets for partially supporting said book-rest when in 35
 service relation.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ROBERT LOCKHART DALGLISH.

Witnesses:

DANIEL H. RATTENBURY,
 N. DUNCAN McTAVISH.