

1,050,494.

Fig. 1.

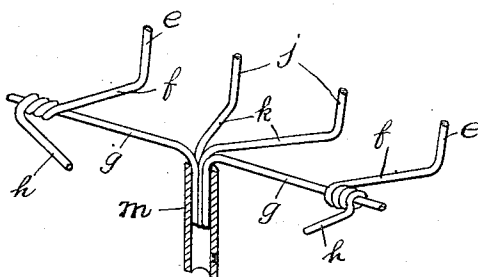


Fig. 3.

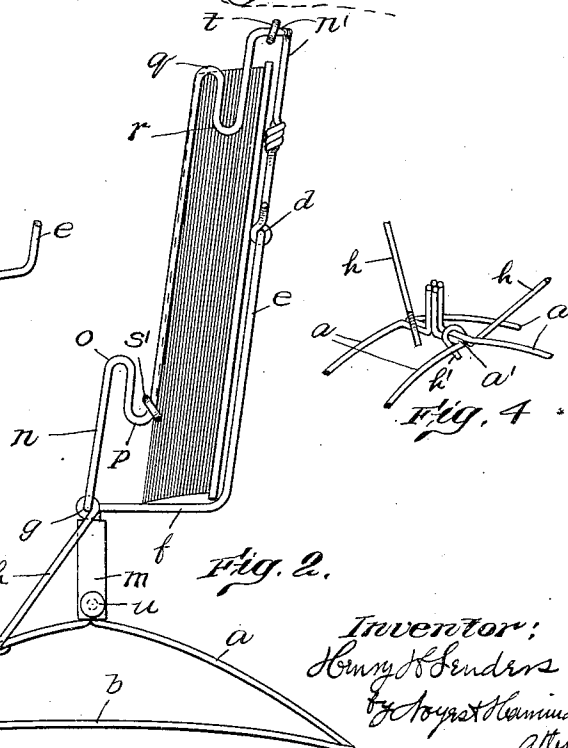


Fig. 2.

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UNITED STATES PATENT OFFICE.

HENRY H. SENDERS, OF EAST KINGSTON, NEW HAMPSHIRE.

BOOK-SUPPORT.

1,050,494.

Specification of Letters Patent.

Patented Jan. 14, 1913.

Application filed July 8, 1912. Serial No. 708,115.

To all whom it may concern:

Be it known that I, HENRY H. SENDERS, a subject of the Russian Empire, residing at East Kingston, in the county of Rockingham and State of New Hampshire, have invented an Improvement in Book-Supports, of which the following is a specification.

This invention relates to certain improvements in book-rests or supports, and has for its object to provide a device of this character, which is particularly adapted to be supported on the body of a person who wishes to read while lying on his back, and which is also adapted to be supported on a bed, or in various other ways.

A further object is to provide a support adapted to hold the book open and which is also adapted to be readily adjusted so as to permit the leaves to be turned.

I accomplish these objects by the means shown in the accompanying drawing, in which,

Figure 1 is a front elevation of a book-rest made according to my invention. Fig. 2 is a side elevation thereof. Fig. 3 is a detail perspective view. Fig. 4 is a similar view of a slight modification.

The device is preferably constructed of wire bent in suitable form, and comprises a stand which is formed to provide a pair of supporting sections, the wires of which they are composed each being bent to provide a pair of legs *a, a*, which extend laterally and also forwardly and rearwardly, respectively, in an oblique direction, each pair of legs having a connecting base-portion *b*, which extend in parallel directions and are curved upwardly. The ends of the sections in their middle portions are twisted together, forming a stem *c* upon which the book-engaging member is supported.

The book-engaging member comprises a rectangular shaped back-engaging portion bent to provide a horizontally disposed bar *d*, from the end of which two side bars *e* depend, said side portions being extended horizontally forward at approximately right angles to the plane of the portions *d* and *e* to provide book-supporting portions *f*, and being coiled about a pair of front bars *g* and then extended obliquely downward, to provide bracing portions *h*, having hooks *h'* in their ends, which removably engage eyes *i* in the front legs *a*. A pair of

intermediate bars *j* are provided which are connected at their upper ends to the bar *d* and extend parallel to the bars *e*, and then horizontally, and convergently, to provide book-supporting portions *k*, and downwardly to enter the upper end of a sleeve *m*, which is also adapted to receive the stem *c* at its lower end. The ends of the front bars *g* are also arranged in the sleeve *m* and said ends may, for convenience, all be soldered therein to provide a permanent connection therewith. Said bars *g* are extended horizontally in opposite directions and then upwardly to provide side bars and are each bent reversely adjacent their lower ends to provide oppositely disposed U-shaped portions *o* and *p* adjacent the lower end thereof and similar portions *q* and *r*, at the upper ends thereof, the straight portions of said side rods *n* extending approximately parallel to the bars *e*, and all of said bars being inclined rearwardly to some extent. Said side rods *n* are extended rearwardly beyond the U-shaped portions *r* to provide top portions *n'* and then horizontally toward each other and downwardly to the bar *d* to which it is secured, to provide a back portion *n²*.

A leaf-holding bar *s* is provided, having eyes *s'* in its ends, through which the side rods *n* extend, so that said bar may be slid thereon to any desired position. A bar *t*, similar to bar *s*, is also provided at the upper portion of the side rods *n*.

When the device is to be used, the sleeve *m* is placed on and secured to the stem *c*, a set screw *u* being preferably provided to secure the sleeve thereto. The book is placed upon the holder, so that it rests against the parts *d*, *e*, *j* and *n²* and is supported by the horizontal portions *f* and *k* of the support, and when opened, the bar *s*, which will usually be held on the lower portion of the rod *n*, is lifted and moved about the two bends *o* and *p*, so that it is carried inwardly, and pressed against the book, causing it to hold the book open. When it is desired to turn a leaf the bar *s* may be moved outwardly on the bent portions *p* and *o*, so as to carry it away from the book, and, after the leaf has been turned, it may be moved back to the position of Fig. 2. The bar *t* may be used in a similar manner and is preferably employed when the book is longer than the frame, or when it is particularly thin. When not in use the bar *t* will be held on the horizontal portion

n' at the upper end of the side rods, as shown in Fig. 2, but, if it is to be used to hold the book open, it will be slid down into the loop portion r , and may be slid onto the loop portion q , when the leaves are to be turned. Either bar s or t may be moved to any desired position on the rods n .

The particular form of stand above described is especially adapted to fit upon the body of a person, when lying on the back, the legs spreading to fit about the body and the parallel connecting portions providing elongated supports, so that the weight is distributed over a considerable portion of the body. The book support is thus securely held without bodily discomfort and the book is held in a position in which it may be conveniently read.

When the device is not in use, or is to be packed in smaller compass, the stand and book holder may be disconnected by unhooking the stays h and loosening the set screws u , as will be obvious, and the book holder may be placed between the opposite pairs of legs of the stand.

In Fig. 4 I show a slight variation in form of the portions of the legs of the stand which are engaged by the stay hooks. In this form the loops h' are omitted and a right angle bend a' is formed in each pair of legs, the vertices of which are engaged by the corresponding hooks.

I claim:—

1. A book-support having a back-engaging portion and a pair of longitudinally extending rods arranged at each side thereof, and a leaf-holding bar slidably mounted on said rods, said rods having transversely extending intermediate portions arranged to guide the bar toward and from said back-engaging portion, substantially as described.

2. A book-support having a back-engaging portion and a pair of longitudinally extending rods arranged at each side thereof, and a leaf-holding bar slidably mounted on said rods, said rods having a reversely curved intermediate portion disposed to guide said bar toward and from said back-engaging portion, substantially as described.

3. A book-support comprising a stand having a stem, legs extending divergently therefrom, an upright book-holder removably mounted on said stem, and a pair of stay rods removably connecting said holder and said legs at each side of said stem, substantially as described.

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

HENRY H. SENDERS.

Witnesses:

L. H. HARRIMAN,
ALONZO W. BROWN.