Aug. 13, 1957 H. KRAUS 2,802,295

COLLAPSIBLE BOOK SUPPORT OR REST

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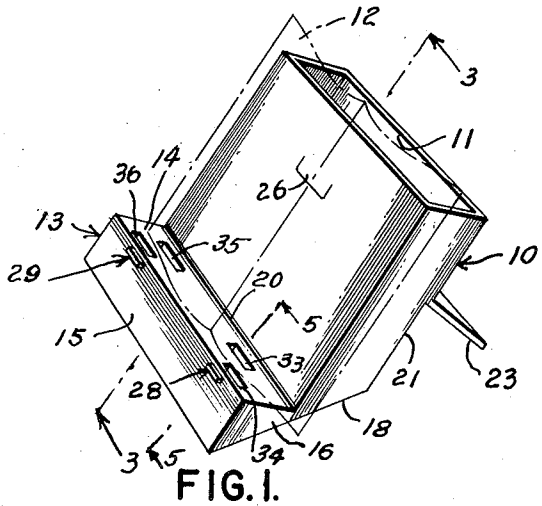


FIG. 1.

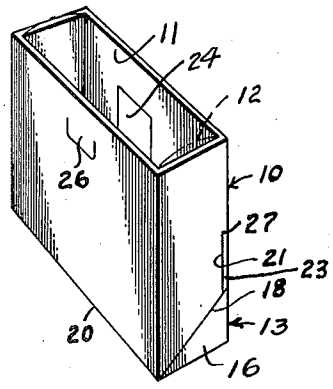


FIG. 2.

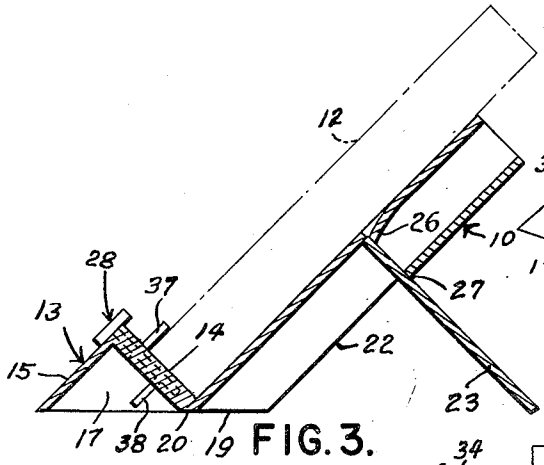


FIG. 3.

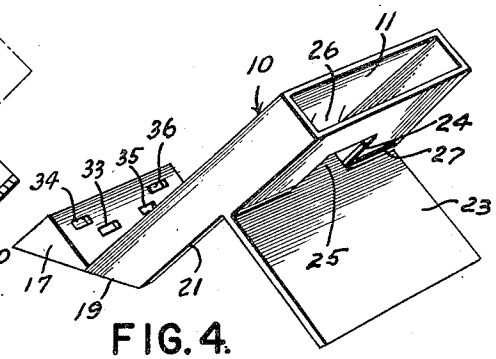


FIG. 4.

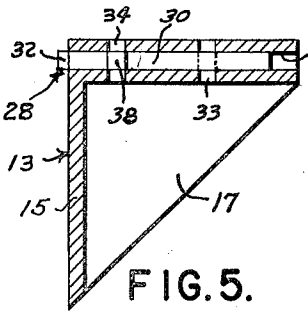


FIG. 5.

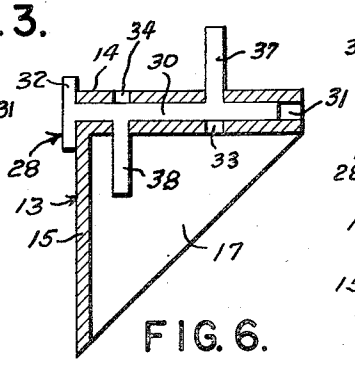


FIG. 6.

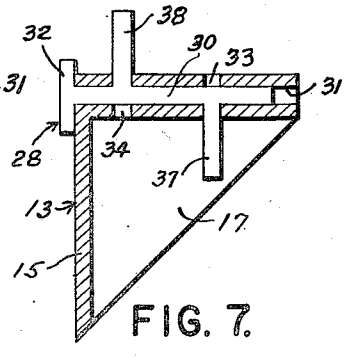


FIG. 7.

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COLLAPSIBLE BOOK SUPPORT OR REST

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5 Claims. (Cl. 45—57)

This invention relates to a collapsible book support or rest formed from a book container.

It is an object of the present invention to provide a book container with parts that open to provide supporting and easel elements so that the container can be self-supporting for a book.

It is another object of the invention to provide in a book support formed from a book container means turnable upon one of the extended parts which will serve as abutments for the pages of the book so as to keep the book turned to the desired opening as it is being read and wherein these abutments can easily be withdrawn to permit the turning of the pages of the book while in place upon the book rest.

It is still another object of the invention to provide a book rest which when folded or closed provides space for the storing of the book and a protection to the same when the book is not being read so that the book and the book rest can be carried easily about together without much more space than the book alone would consume and wherein protection is given to the book covers while the book is being carried in the book rest and thereby eliminating the need for paper book covers that are usually laced upon the book.

Other objects of the invention are to provide a collapsible book rest or support formed from a container and having the above objects in mind, which is of simple construction, inexpensive to manufacture, has a minimum number of parts, easy to open and adjust, of pleasing appearance, convenient and efficient in use.

For other objects and for a better understanding of the present invention, reference may be had to the following detailed description taken in connection with the accompanying drawing, in which—

Figure 1 is a front perspective view of the book support extended and made ready for supporting a book,

Fig. 2 is a perspective view of the book support in its collapsed or folded state and adapted to contain a book,

Fig. 3 is an enlarged vertical sectional view of the book support with the parts extended and as viewed on line 3—3 of Fig. 1,

Fig. 4 is a rear perspective view of the book support with its parts extended,

Figs. 5, 6 and 7 are respectively sectional views of the end cover and looking upon the page holding abutments for the book with the same being respectively shown in three different positions, this view being taken generally on line 5—5 of Fig. 1.

Referring now to the figures, **10** represents a main tubular body of rectangular section open at one end as indicated at **11** to receive and contain a book as indicated at **12** with phantom lines in Fig. 2. The book will be removed from this opened end **11** of the container and upon the container being set up it can serve to support the book in the manner shown in Fig. 1.

On the opposite end of the tubular body is a hinged cover **13** that has a horizontally-extending top part **14**, a

vertically-extending part **15** and triangular shaped ends **16** and **17** all joined together to provide either a closure for the opposite end of the tubular body **10** in the manner as shown in Fig. 2 or as a support for a book so that its open edges of the vertically-extending part **15** and the triangularly-shaped end parts will rest upon a horizontal surface co-extensively with inclined side edges **18** and **19** with tubular body **10**. The hinge connection for the hinge cover can be effected in the container tube through scoring at **20** or by the use of a tape in the usual manner. The rear part of the container body **10** is cut upwardly along its edges as indicated at **21** and **22** to provide for an easel plate support **23** that can be folded rearwardly in the manner as shown in Figs. 1 and 4 to support the tube **10** in an inclined manner. The rear of the tube is further cut as shown at **24** to provide for a stop projection **25** on the plate **23** which will bear against the inner face of the front of the tube and will come to rest against an inwardly depressed stop **26**, Fig. 3, to hold the easel plate against further separation from the container tube **10**. The easel plate is hinged upon scoring at **27** which can be reinforced by a tape in the usual manner. With the stop part and the easel plate extended book rest is made ready for use so that an open book **12** can be supported thereupon in an inclined manner as illustrated in Fig. 1 and with its lower edge resting upon the horizontally-extending top part **14**.

In order to retain the pages in their open positions there is provided in the top part **14** two adjustable stops **28** and **29**. Each of these stops **28** and **29** are formed as shown in Figs. 5, 6 and 7 of a turn shaft **30** journalled in a hole **31** running normal to the vertically-extending part **15** of the hinge cover **13** and having a knob **32** that extends over the vertically-extending part **15** by which the shaft **30** is turned. Communicating with the respective openings **31** for the adjustable stops **28** and **29** are respectively oppositely-extending slots **33** and **34** and oppositely-extending slots **35** and **36**. The slots **33** and **35** lie closer to the front face of the tube **10** than the slots **34** and **36**. Upon each turn shaft **30** there is secured for registry with each pair of openings inner and outer stop projections **37** and **38** that are one hundred and eighty degrees apart upon the shaft **30** and which can be respectively turned out of the respective slots **33** and **34** or **35** and **36** for engagement with the pages of the book to hold them open. When there are few pages open at one side of the book the inner projections **37** will be used to retain its pages but when there are more than a few pages the projection **38** is used. The shaft is turned by the knob **32** to position these projections. The stop part **14** is made extra thick to accommodate these turn shafts **30**. The projections **37** and **38** can be turned into the slots when the stop devices are not in use and when the book support has been collapsed to provide the container for the book as is shown in Fig. 2. These adjustable stop devices are frictionally retained in the positions to which they are turned.

It should now be apparent that there has been provided a book rest or support that can be formed out of a container for a book by simply extending outwardly from front and rear of the container parts serving to support the container in an inclined upright manner and to support the book in its open condition and at its lower edge.

It will be further apparent that a simple and efficient means has been provided for holding the pages of the book open at the different thicknesses thereof.

While various changes may be made in the detailed structure it shall be understood that such changes shall be within the spirit and scope of the present invention as defined by the appended claims.

What is claimed is:

1. A book rest comprising a tubular main body open at one end to receive and contain a book, a cover part hingedly connected to the front of the container tube and

when opened serving as a support for holding the tube in an inclined upright manner and along the front of the tube, said cover part serving as a resting surface for the lower edge of the book while the book itself is retained upon the front part of the tube, and a hingeable easel plate cut from the rear of the tube to support the rear of the tube.

2. A book rest comprising a tubular main body open at one end to receive and contain a book, a cover part hingedly connected to the front of the container tube and when opened serving as a support for holding the tube in an inclined upright manner and along the front of the tube, said cover part serving as a resting surface for the lower edge of the book while the book itself is retained upon the front part of the tube, a hingeable easel plate cut from the rear of the tube to support the rear of the tube, and said cover part including a horizontally-extending top part, a vertically-extending part and triangularly-shaped end parts all joined together, said tube having inclined side edges on which the tube may be supported upon the horizontal surface and which will run co-extensively with the edges of the triangularly-shaped end parts of the cover.

3. A book rest comprising a tubular main body open at one end to receive and contain a book, a cover part hingedly connected to the front of the container tube and when opened serving as a support for holding the tube in an inclined upright manner and along the front of the tube, said cover part serving as a resting surface for the lower edge of the book while the book itself is retained upon the front part of the tube, a hingeable easel plate cut from the rear of the tube to support the rear of the tube, said easel plate having a stop projection adapted to extend into the tube upon the easel plate being extended to its supporting position, and a depressible stop rest cut from the front of the tube and engageable by the stop projection of the easel plate to hold the easel plate against further separation from the container tube.

4. A book rest comprising a tubular main body open at one end to receive and contain a book, a cover part hingedly connected to the front of the container tube and when opened serving as a support for holding the tube in an inclined upright manner and along the front of the tube, said cover part serving as a resting surface for the lower edge of the book while the book itself is retained upon the front part of the tube, a hingeable easel plate cut from the rear of the tube to support the rear of the tube, said cover part having pairs of oppositely-extending slots thereon, stop devices rotatable in said cover part and having projections adapted to be extended alternately through the respective oppositely-extending slots and adapted to be engaged by the pages of the book to prevent the pages from closing upon themselves.

5. A book rest comprising a tubular main body open at one end to receive and contain a book, a cover part hingedly connected to the front of the container tube and when opened serving as a support for holding the tube in an inclined upright manner and along the front of the tube, said cover part serving as a resting surface for the lower edge of the book while the book itself is retained upon the front part of the tube, a hingeable easel plate cut from the rear of the tube to support the rear of the tube, and said cover having a vertically-extending part, and stop devices having knobs provided along the face of the vertically-extending part and presentable upon the front of the book rest and rotatable to align either one or the other of the stop projections of the devices with the pages of the book.

References Cited in the file of this patent

UNITED STATES PATENTS

402,518	Fowler	Apr. 30, 1889
1,292,720	Dawson	Jan. 28, 1919
1,330,250	Engel	Feb. 10, 1920
1,675,060	Simmons	June 26, 1928
1,830,815	Twait	Nov. 10, 1931
2,547,182	Turnbull	Apr. 3, 1951
2,676,777	Moushon	Apr. 27, 1954