April 17, 1951 M. GREEN 2,549,452

EXHIBITOR

Filed March 18, 1946 3 Sheets-Sheet 1

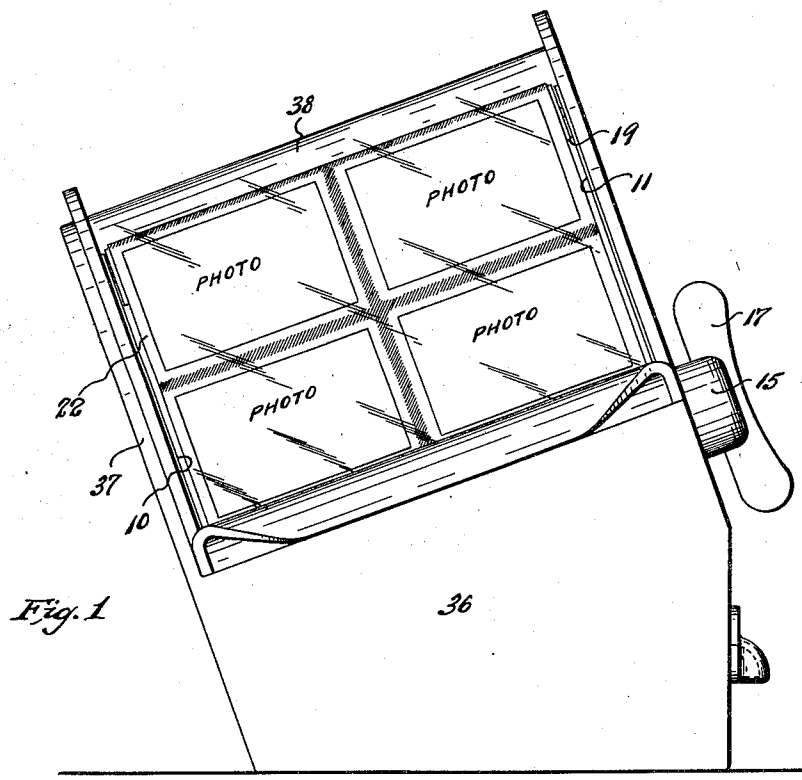


Fig. 1

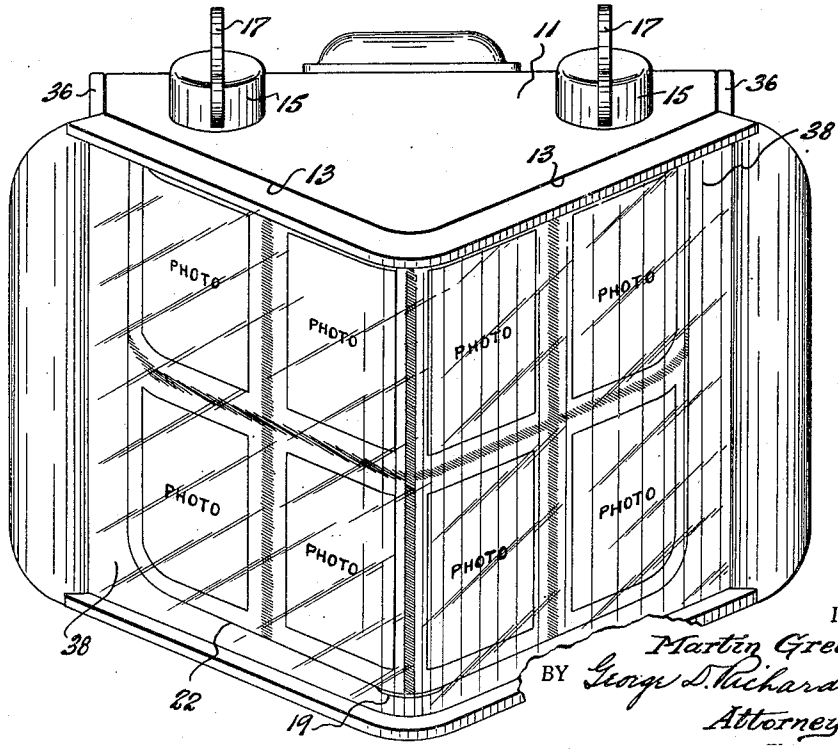


Fig. 2

INVENTOR.
Martin Green,
BY George D. Richards,
Attorney

April 17, 1951 M. GREEN 2,549,452

EXHIBITOR

Filed March 18, 1946 3 Sheets-Sheet 2

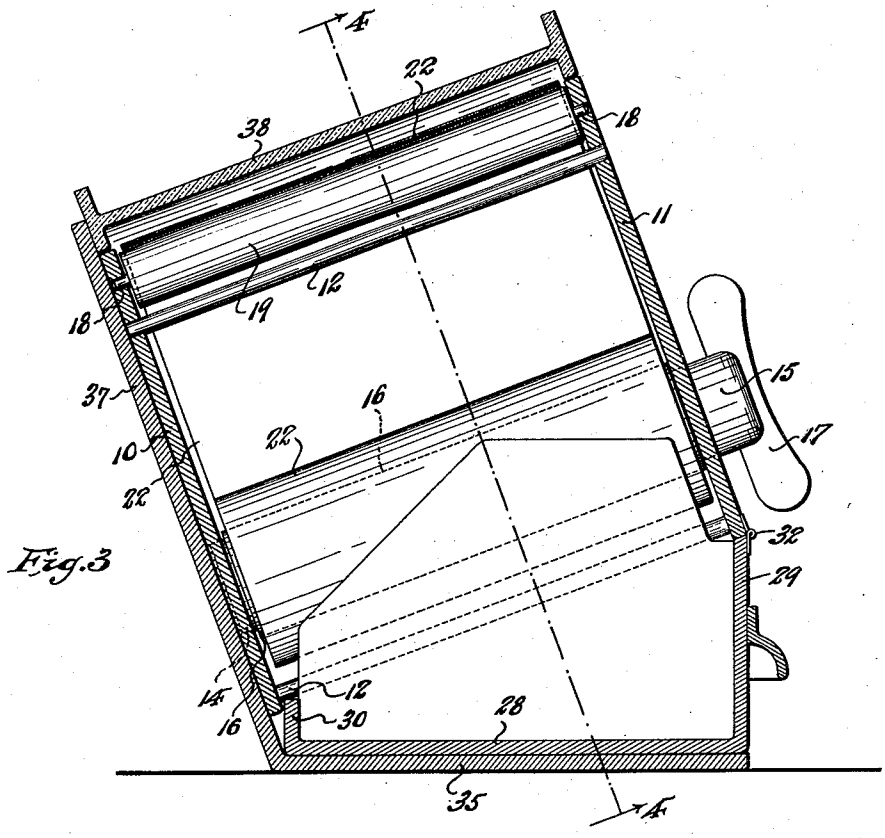


Fig. 3

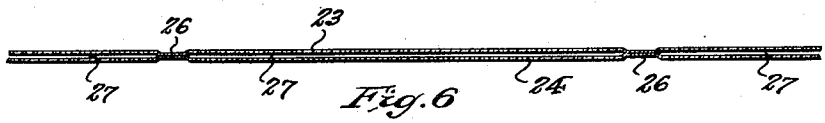


Fig. 6

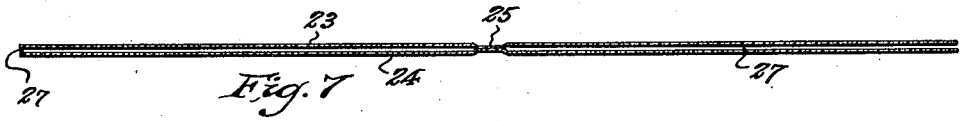


Fig. 7

INVENTOR.

Martin Green,

BY Georges D. Richard

Attorney

April 17, 1951 M. GREEN 2,549,452

EXHIBITOR

Filed March 18, 1946 3 Sheets-Sheet 3

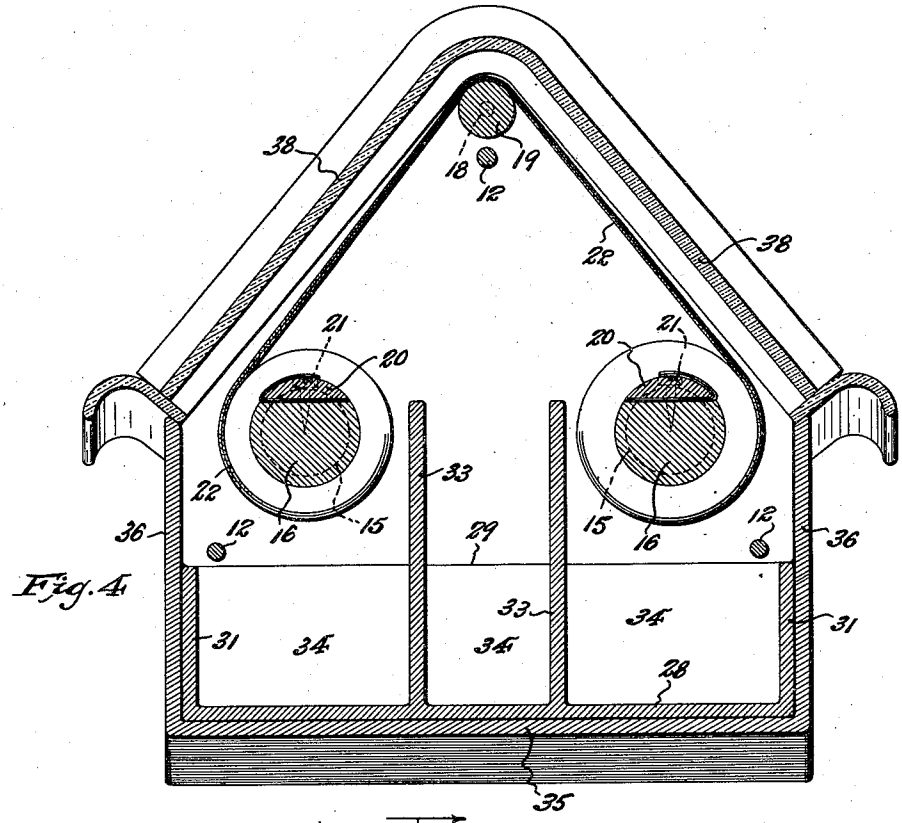


Fig. 4

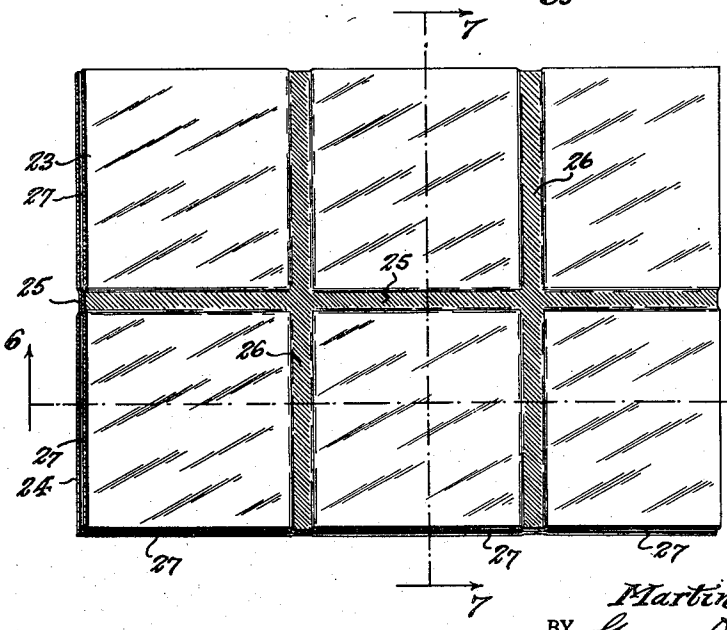


Fig. 5

INVENTOR.
Martin Green,
BY George D. Richards
Attorney

Patented Apr. 17, 1951 2,549,452

UNITED STATES PATENT OFFICE

2,549,452

EXHIBITOR

Martin Green, Newark, N. J., assignor of one-half to Charles Handler, Newark, N. J.

Application March 18, 1946, Serial No. 655,053

2 Claims. (Cl. 40—86)

1

This invention relates to improvements in exhibitors for displaying photographs, picture or other cards or sheets, or like subject matter.

The invention has for an object to provide a novel exhibitor of the double reel and web or scroll type comprising a frame in which spaced reels, by which the web or scroll is supported, are rotatably mounted, and wherein the web or scroll comprises superposed plies of transparent flexible material, said plies being joined by suitably spaced and related sealed division portions adapted to subdivide the web or scroll into a multiplicity of pockets intermediate said plies, said pockets being open at one or both longitudinal margins of the web or scroll, and said pockets being adapted to receive and hold the subject matter to be exhibited.

The invention has for another object to provide an exhibitor as above characterized, wherein the frame, by which the spaced reels are supported, is also provided with an idler roller disposed above and intermediate said reels over which the web or scroll passes from one reel to the other, so as to provide angularly related ascending and descending exhibiting courses thereof.

The invention has for a further object to provide an exhibitor as characterized, wherein the frame is hingedly supported in connection with a base, and, preferably, so as to be inclined to the perpendicular; said base being provided, if desired, with storage compartments beneath the frame, for storing unexhibited material; and the invention has for a still further object to provide a novel housing for the reception of the frame and its base, said housing having a transparent top structure, through which the web or scroll and its content may be viewed.

Other objects of this invention, not at this time more particularly enumerated, will be understood from the following detailed description of the same.

An illustrative embodiment of the invention is shown in the accompanying drawings, in which:

Fig. 1 is a side elevational view of the novel exhibitor made according to this invention; Fig. 2 is a top elevational view of the same; Fig. 3 is a vertical longitudinal sectional view thereof; and Fig. 4 is a transverse vertical sectional view of the same, taken on line 4—4 in Fig. 3.

Fig. 5 is a fragmentary plan view of the pocketed transparent web or scroll of the exhibitor; Fig. 6 is a longitudinal sectional view thereof, taken on line 6—6 in Fig. 5; and Fig. 7 is a transverse sectional view of the same, taken on line 7—7 in Fig. 5.

2

Similar characters of reference are employed in the hereinabove described views, to indicate corresponding parts.

Referring to said drawings, the frame of the exhibitor comprises a front plate 10 and a back plate 11 connected together in suitably spaced apart relation by tie-rods 12. Said plates 10 and 11 are provided at their upper portions with converging side margins 13 whereby to provide the same with upper gable end portions.

Rotatably mounted in and between the lower end portions of said front and back frame plates 10 and 11, by their respective journal portions 14 and 15, are reels 16; the same being laterally spaced apart, so as to be respectively located adjacent to opposite sides of the frame. The journal portions 15 of said reels 16 project through and exteriorly of the back plate 11 of the frame. Affixed to the outer ends of said reel journal portions 15 are finger pieces 17, preferably of transverse wing form, by means of which said reels may be selectively rotatably manipulated.

Rotatably mounted in and between the plates of the upper gable end portions of said front and back frame plates 10 and 11, by its journal portions 18, is an idler roller 19, which is thus disposed intermediate and above the reels 16.

Each reel 16 is provided with a detachable clamp segment 20 adapted to be affixed to the reel body by fastening screws 21 countersunk therein (see Fig. 4). These clamp segments 20 are utilized to affix end portions of a web or scroll 22 to the reels 16; it will be obvious however, that any other suitable means may be employed for such purpose.

The web or scroll 22 of the exhibitor is formed by superposed plies 23 and 24 of transparent flexible material. Said plies 23 and 24 are of selected continuous length and of a width but little less than the length of the reels 16, whereby to extend substantially across the entire interior of the frame between the front and back plates thereof. The meeting faces of said plies 23 and 24 are suitably adhered or sealed together at desired spaced intervals, whereby to provide division portions or joints adapted to subdivide the free space between said plies into pockets into which the photographs, cards or like subject matter may be inserted and held so as to be visibly displayed through the outer face ply of the web or scroll. It will be obvious that the receiving and holding pocket thus provided may

be of any desired dimensions, and formed to open from one or both longitudinal margins of the web or scroll. Illustrative of one arrangement of pocket forming division portions or joints, as shown more particularly in Figs. 5 to 7 inclusive, the same comprise a longitudinally extending division portion or joint **25**, and longitudinally spaced transverse division portions or joints **26**, which extend across the web or scroll to intersect said longitudinal division portion or joint **25**, thereby forming rows of receiving and holding pockets **27** opening respectively along opposite longitudinal margins of the web or scroll.

One end of the web or scroll **22** is clamped to one reel **16**, and thereupon the web or scroll is wound upon said reel, with the opposite end portion of the web or scroll extending therefrom upwardly to and over the idler roller **19**, and thence downwardly to the opposite reel **16**, to which its extremity is clamped. As thus arranged, the web or scroll, and the content thereof desired to be exhibited, may be caused to travel from the first mentioned reel to the last mentioned reel by manually rotating the latter. As so moved, the part of the web or scroll passing between the reels will form angularly disposed courses comprising an ascending course, moving from the feeding reel to the idler roller, and a descending course, moving from the idler roller to the take-up reel. By reason of the angularity of the displayed courses of the web or scroll, the ascending course will present its content in one direction, while the descending course will present its content in the opposite direction, thus permitting the exposed photographs or other exhibits, as moved along by the web or scroll, to be conveniently viewed by a number of observers gathered about the exhibitor.

After the web or scroll has been transferred from one reel to the other, its movement may be reversed by turning the empty reel so that the web or scroll will again be taken up thereby.

The frame is supported upon a base, preferably in a forwardly tilted or inclined position, whereby to facilitate observance of the exhibited subject matter by a group of observers gathered about the exhibitor. Preferably, said base is of hollow box-like form, comprising a bottom wall **28**, a relatively high back wall **29**, a comparatively low front wall **30**, and side walls **31**. The bottom margin of the frame back plate **11** is movably connected to the top margin of the base back wall **29**, preferably by hinge connections **32**. As so related to the base, the frame may be swung forward over the base until the lower tie-rods **12** come to rest upon the top margin of the base front wall **30**, thereby supporting the frame in the preferred forwardly tilted or inclined position above mentioned. The interior of the base may be subdivided by partitions **33**, whereby to provide compartments **34** therein, in which may be stored loose photographs, films, cards or the like, use of which may at times be desired for display by the exhibitor.

Since the frame is hingedly connected to the rear of the base, it will be obvious that the frame may be swung rearwardly and downwardly behind the base, whereby to accessibly expose the reels and the web or scroll, so that exhibits may be inserted or removed from the latter at will, or the web or scroll detached from the reels subject to replacement by another web or scroll.

The exhibitor, constructed substantially as above described, is capable of use for the intended purpose without necessity for enclosing the same in a protective housing or casing. Preferably, however, it is desirable to enclose the same in a suitable housing or casing, whereby to prevent tampering with the web or scroll and its content, and so as to protect said web or scroll from dust, soiling, scratching or other effects likely to impair the clear transparency thereof. The invention therefore comprehends the provision of suitable housing or casing means, which, in an illustrative form thereof as shown, comprises a rearwardly open housing body formed by a bottom or floor **35**, side walls **36**, and a front wall **37**. Said housing body is closed at its top by a gabled hood **38** made of transparent material, such e. g. as glass or a transparent plastic material. The interior of said housing or casing is of cross-sectional shape and general internal conformation corresponding to the cross-sectional shape and general external conformation of the exhibitor frame and base, when the parts are disposed in normal operative relation. To assemble the exhibitor with the housing or casing, the former is inserted through the rearward open end of the latter until the frame back plate **11** and base back wall **29** register in plane with the open rear end of the housing or casing, thereby closing the latter. When the exhibitor is thus enclosed within the housing or casing, owing to the gable formation of the transparent hood **38**, the respective inclined sides of the latter will extend substantially parallel to the respective ascending and descending courses of the web or scroll **22** and contiguous thereto, so that the exhibited content of said courses may be easily viewed through said transparent sides of the hood **38**.

Having now described my invention, I claim:

1. An exhibitor for the purposes described comprising a frame formed by spaced apart front and back plates, said plates terminating in upper gable end portions, tie means extending between said plates, a transparent gabled hood conforming to and supported by the gable end portions of the frame plates for extension therebetween, a pair of rotatable reels journaled in and between the lower parts of said plates in spaced apart relation and an indler roller journaled in and between peak parts of the gable end portions of said plates whereby to be disposed above and intermediate the reels, external end portions of said reels having means for rotatively actuating the same, a pocketed scroll of transparent material having its ends respectively secured to the respective reels whereby to extend in an ascending course from one reel to and over said idler roller and thence in a descending course to the other reel, said courses respectively underlying the respective inclined sides of the transparent hood, a base to which the rear end of said frame is hingedly connected, said base being adapted to support said frame at a forwardly tilted angle, and a rearwardly open housing into which said base and frame assembly is removably entered.

2. An exhibitor for the purposes described comprising a frame formed by spaced apart front and back plates, said plates terminating in upper gable end portions, tie means extending between said plates, a transparent gabled hood conforming to and supported by the gable end portions of the frame plates for extension therebetween, a pair of rotatable reels journaled in and between the lower parts of said plates

in spaced apart relation and an idler roller journaled in and between peak parts of the gable end portions of said plates whereby to be disposed above and intermediate the reels, external end portions of said reels having means for rotatively actuating the same, a pocketed scroll of transparent material having its ends respectively secured to the respective reels whereby to extend in an ascending course from one reel to and over said idler roller and thence in a descending course to the other reel, said courses respectively underlying the respective inclined sides of the transparent hood, a base to which the rear end of said frame is hingedly connected, said base being adapted to support said frame at a forwardly tilted angle, the base having subdividing partitions within its interior to provide storage compartments beneath the scroll for non-displayed exhibit material, and a rearwardly open housing into which said base and frame assembly is removably entered.

MARTIN GREEN.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
499,142	Neff	June 6, 1893
1,065,337	Borroughs	June 24, 1913
1,689,528	Kjellerup	Oct. 30, 1928
1,712,693	Duncan	May 14, 1929
1,729,480	Hale	Sept. 24, 1929

FOREIGN PATENTS

Number	Country	Date
588,105	Germany	Nov. 20, 1933