

Jan. 23, 1951

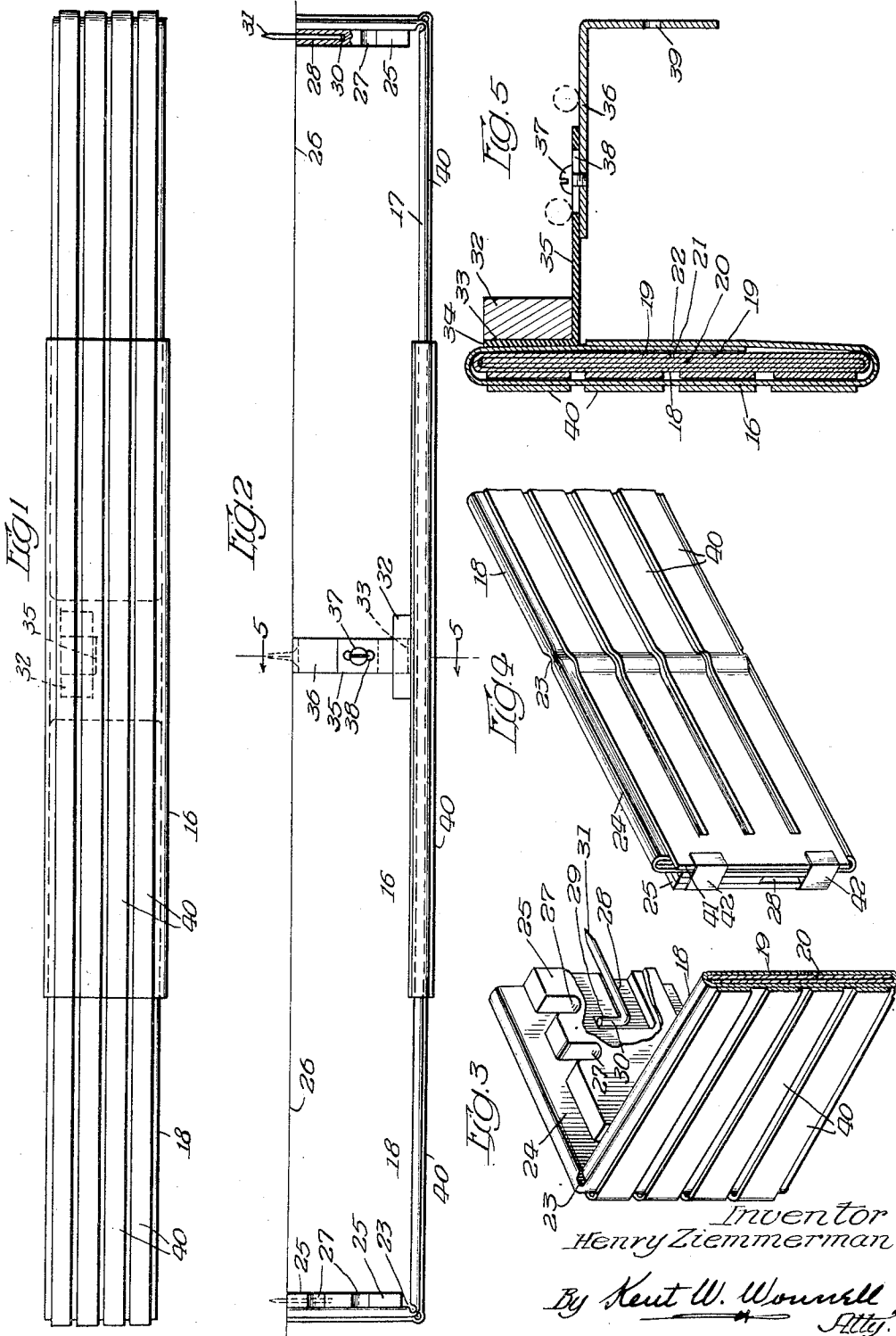
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2,539,380

CORNICE

Filed March 20, 1946

2 Sheets-Sheet 1



Jan. 23, 1951

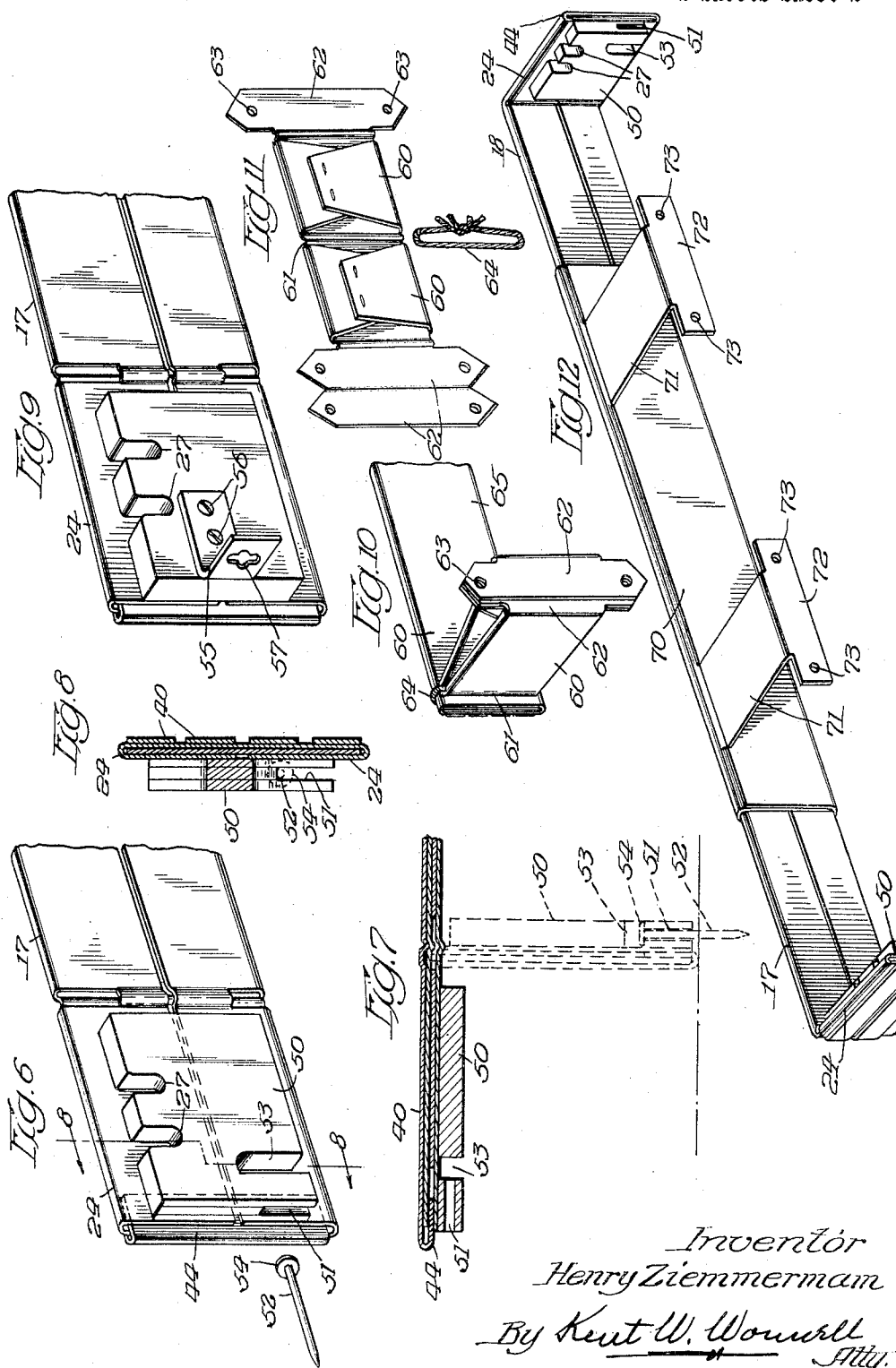
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2 Sheets-Sheet 2



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UNITED STATES PATENT OFFICE

2,539,380

CORNICE

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Application March 20, 1946, Serial No. 655,827

7 Claims. (Cl. 160—39)

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This invention relates in general to a cornice for supporting rods and curtains at a window or doorway, and is more particularly described as an adjustable and foldable structure of this kind of which the principal parts are composed of cardboard, and the like.

An important object of the invention is to provide an adjustable folding structure of cardboard or similar material which may be collapsed or folded in a minimum space for shipment and storage but which is easily unfolded, set up, attached and extended for actual use in connection with a window or door frame, or any other suitable support.

A further object of the invention is to provide improved simple means for attaching and supporting a cornice structure in outwardly spaced or extended position at the ends thereof.

A further object of the invention is to construct the ends so that they will fold and unfold in hinged relation.

A further object of the invention is to provide suitable spacing and supporting means intermediate the ends thereof.

Other and further objects of the invention will appear in the specification and will be apparent from the accompanying drawings in which,

Fig. 1 is a front view and Fig. 2 is a side view of a cornice in accordance with this invention set up in distended position;

Fig. 3 is a perspective of one of the corners shown in Fig. 1;

Fig. 4 is a perspective of the corner of Fig. 3 in flat or collapsed position;

Fig. 5 is a sectional view taken on the line 5—5 of Fig. 2;

Fig. 6 is a perspective of a cornice end and its supporting means;

Fig. 7 is a sectional view showing the method of attaching the corner of Fig. 6;

Fig. 8 is a sectional view taken on the line 8—8 of Fig. 6;

Fig. 9 is a perspective showing a modified end support;

Figs. 10 and 11 are perspective views of an end support made of flexible material such as cardboard, in supporting position, and in open or unattached position; and

Fig. 12 is a perspective of a cornice extended for attachment with a central member having connected hinged arms for attaching, supporting, and spacing it from a window or other frame to which it is attached, intermediate the ends thereof.

An important feature of the present invention

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is to provide a decorative rod and curtain support which is foldable and adjustable, which is easily set up and connected, and which is also composed principally of materials for which there is no war time restriction, such, for example, as small wood blocks and paper or pasteboard folding and connecting parts. The present invention overcomes the objections and fulfills the desired requirements by providing flat telescoping sections which are foldable and adjustable, and by providing improved simple means for supporting and attaching the ends of the cornice and also the portions intermediate the ends so that when set up, the cornice will be spaced from the frame to which it is attached, the means for attaching the cornice itself and the rod supporting the vices of the cornice will be hidden from view at the front thereof, and the cornice itself will present a decorative and finished appearance which is both pleasing and of suitable rigidity.

Referring now more particularly to the drawings, a cornice structure is shown having a central sleeve member 16 and end pieces 17 and 18 inserted at the ends thereof and fitting snugly for separate telescoping adjustment thereof. These parts are preferably made of thin, flexible sheet material such as cardboard, folded over flatly together so that the edges are rounded, folded edges 19 of the end pieces preferably abutting and being secured to an inside strip or plate 20 by adhesive attachment thereto. These members may also be completed by overlapping ends 21 and 22 of one of the members 16 as illustrated more clearly in Fig. 5.

The outer extremity of each end member is connected thereto by a hinge 23 formed of the material thereof by suitably creasing or scoring it transversely, forming an offsetting and spacing arm 24. Attached to the inner face of each arm is a mounting block 25, the inner edge of which is flush with the inner edge of the arm so that when applied to a frame 26 or any other suitable support, it will fit flatly and flushly thereon. In the upper edge of this block are one or more notches 27 for seating a curtain rod or rods therein, and at the rear edge is a recess 28 with an upper undercut extension 29 for seating an upturned end 30 of a supporting hook 31 therein. This hook is inserted into a frame at the proper height so that when the end piece is applied thereto, the extremity of the hook will pass through the opening 28 in the block and will be seated in the extension 29 thereof, hold-

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ing the end piece tightly against the frame 26 or other support.

If the cornice is applied to a wide frame or requires an intermediate support, a block 32 is attached to the rear side of the intermediate sleeve member 16 and has a slot 33 at its inner side adapted to engage an angular end 34 of a spacing plate 35 connected to a similar attaching plate 36 by a screw 37 and slot 38 forming an adjustable spacing connection therewith, the other end of the plate 36 having a perforated angular extremity 39 for attaching it to the frame 26 or other support.

The connecting portion of this spacing support is preferably located below the level of the rod supporting notches 27 so that the rods will extend over and may be supported intermediate their ends by the plates 35 and 36.

When a decorative cover 40 is applied to the outer exposed faces of the sleeve and end members 16, 17, and 18, the portions extending over the hinged extremities 24 from and beyond the hinge 23 itself are free from actual connection with the face of the end members so that when each extremity 41 will overlap the end 24 in the flat position of the end member 18, but when the spacing extremity 24 is folded at right angles in setting up the cornice, the extremity 41 of the cover 40 will be drawn flush with the end of the spacing extremity 24. The extremity 41 of the cover may therefore be connected to the spacing end 24 by flexible adhesive tabs 42 as shown in Fig. 4 or one end 44 of the cover 40 may be extended and folded inwardly as shown in Figs. 6 and 7 being drawn flush with the end of the supporting block when the hinge extremity of the end piece is set at right angles in spacing position.

Instead of the rod supporting block being recessed to receive the bent end of a hook, the lower inner edge of a block 50 may be provided as shown in Figs. 6, 7 and 8 with a recess 51 for receiving a shank 52 of an ordinary nail with a communicating larger recess 53 spaced from the inner contacting edge of the block to receive a head 54 of the nail, the block being thus engaged and held in place over the head of the nail inserted in a window frame or other support.

Instead of recessing the block, an angle bracket 55 as shown in Fig. 9 may have one portion thereof attached to the block by suitable fastening screws 56 with a keyhole opening 57 in the other angular part by means of which the bracket may be engaged over the head of a nail or screw attached to the support, in a well known manner.

If desired, the intermediate or end pieces may be slidably supported by arms made entirely of flexible sheet material such as cardboard as shown more clearly in Figs. 10 and 11. A strip of material is cut, scored, and folded to provide connected arm portions 60 separated by a hinge 61. Hinged at the outer ends of the arm portions are one or more transverse plates 62 with angular ends having perforations 63 extending beyond the arm portions. The arm portions are turned inwardly together and the plates are placed in overlapping relation with the perforations 63 registering with each other so that the arms are angularly separated and the perforated ends are free for the insertion of a fastening nail or screw therethrough which is applied to the window frame or support as desired. A loop 64 of cord, ribbon, or other flexible material is applied within the arm structure and over the outer face of a cornice member 65 which may be adjusted rel-

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atively to the supporting arm if a telescoping structure is used. This type of support eliminates the necessity of blocks, metal plates or supports other than of the same material as the telescoping members of the cornice.

A further cornice spacing structure is shown in Fig. 12 in which a central sleeve member 70 also formed of flexible sheet material is provided with integral hinged arms 71 projecting from the rear at the top of the member, either at the center, or adjacent each end, as shown in Fig. 12, the outer ends of the arm having a wider hinged portion 72 with perforated ends 73 free for attachment by inserting nails, screws or other fastening devices through the perforations. With this construction, the arms 71 would be attached in the desired location with the member 70 in raised position and when it is swung downwardly, the end pieces may be inserted and attached, the arms 71 spacing the cornice outwardly in alignment with the spacing of the hinged end pieces 24 as shown.

In all of these forms, the material forming the separate pieces is light and strong because of the shape, telescoping engagement and angular disposition of the parts when set up so that comparatively heavy curtains and drapes may be supported thereby; the parts are readily set up, connected together and placed in any desired supporting position; and the parts are as easily and as readily disengaged, taken down, unfolded and placed in relatively flat position where they would take a minimum space for shipment and storage, thereby constituting a novel and desirable article of manufacture.

Various decorative covers may be applied to the center and end pieces, the latter being unconnected near their extremities to fold flush with the ends as above set forth.

I claim:

1. A flatly foldable and extensible cornice of cardboard, comprising telescoping sections adjustable for length, the outer sections have integral hinged ends, and means secured at the extremities of the ends for releasably engaging projections from a fixed support, said means comprising a block at each end forming a curtain rod support and having a recess at the end provided with an extension at right angles thereto inwardly from the end for engaging over a headed projection from a fixed support.

2. In a flatly foldable and extensible cornice for a window frame, a plurality of telescoping sections, the outer sections having integral hinged ends, means secured at the extremities of the ends for engaging projections from the frame and holding them in end abutting position with respect to the frame, and an adjustable support intermediate the ends of the cornice attached to the frame and engaging the rear of one of the sections for upholding it and spacing it outwardly from the frame, the said end engaging means having curtain rod supports and the intermediate supporting means also being located to provide curtain rod supports intermediate the ends thereof.

3. A foldable and extensible cornice of cardboard, comprising a plurality of telescoping sections, the outer sections having integral hinged ends, means secured at the extremities of the ends for releasably engaging fixed supports and holding them at right angles to the remainder of the section in supporting the cornice, and a decorative cover for each outer section having the portion overlying the hinge and extending

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outwardly over the end and movable relatively thereto, the end of the cover being thus movable relatively to align its end with the end portion of the section when they are at right angles, and the extremity of the cover having a loosely engaging connection with the extremity of the said end for holding it in connection therewith.

4. In a flatly foldable and extensible cornice of cardboard, a plurality of telescoping sections, the outer sections having integral hinged ends, means secured at the extremities of the ends for engaging and releasably holding them at right angles to the remainder of the sections, and a decorative cover for each of the outer sections having a portion connected to the face of the section and that portion overlying the hinge and the end of the section being movable relatively thereto and having an end tab inserted within extending inwardly into interconnection with the extremity of the hinged end to provide a slidable connection therewith.

5. In a flatly foldable and extensible cornice, a plurality of telescoping sections, the outer sections having integral hinged ends, a decorative cover for each of the outer sections attached to a portion of the face of the section but free over the hinge and end portion thereof for movement relatively to the adjacent end when it is folded, and adhesive tabs for loosely connecting the outer extremity of the end of the cover with the outer extremity of the end of the section to accommodate the relative movement thereof.

6. In a flatly foldable and extensible cornice of cardboard, a plurality of telescoping sections, the outer sections having integral hinged ends, means secured at the insides near the extremities of the ends for supporting the cornice and also for supporting curtain rods therein, said means comprising a block with upper open recesses for seating the ends of curtain rods therein, and a

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recess at the lower extremity of the end of the block with an enlargement at the inner end of the recess for receiving the head and shank of a nail, screw, and other similar headed projections.

7. In a flatly foldable and extensible cornice, a plurality of flat telescoping sections, the outer sections having integral hinged ends, means secured near the extremities of the ends for supporting curtain rods in the cornice and for engaging headed supporting projections and holding the ends at right angles to the remainder of the cornice, a support intermediate the ends of the cornice comprising a block attached to the back of a section and having a recess at the underside of the block, and connected adjustable plates to underlie curtain rods in the cornice and support them intermediate their ends, one plate engaging the said recess of the block and the other plate adapted for connection to a fixed support.

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REFERENCES CITED

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

UNITED STATES PATENTS

| Number | Name | Date |
|-----------|------------|---------------|
| 588,442 | Keeler | Aug. 7, 1897 |
| 810,726 | Cummings | Jan. 23, 1906 |
| 1,677,627 | Goodrow | July 17, 1928 |
| 1,952,069 | Hoffheimer | Mar. 27, 1934 |
| 2,250,003 | Boye | July 22, 1941 |
| 2,315,033 | Adair | Mar. 30, 1943 |
| 2,375,247 | Rebholz | May 8, 1945 |

FOREIGN PATENTS

| Number | Country | Date |
|---------|---------|------|
| 539,020 | Germany | 1936 |
| 803,702 | France | 1936 |