Aug. 1, 1950 S. VINCENT 2,517,262

SCROLL PULPIT

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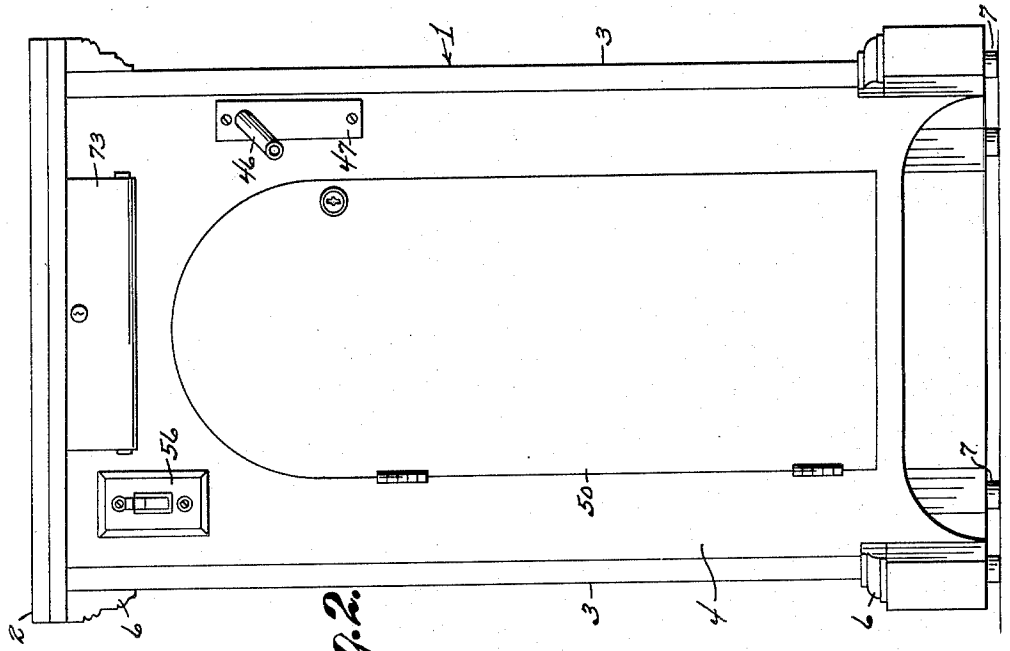


Fig. 2.

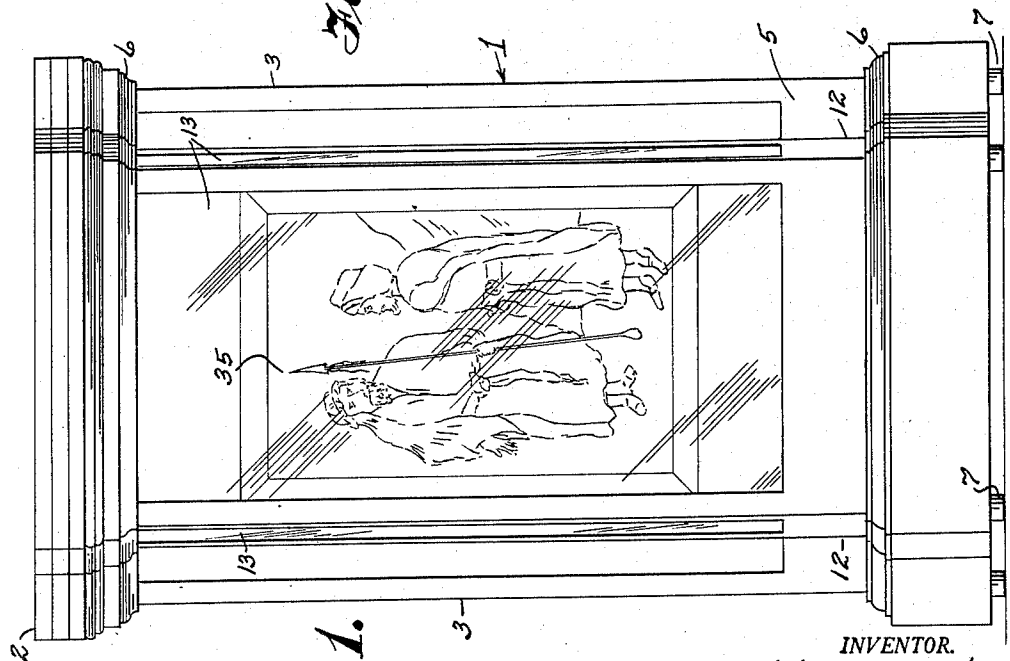


Fig. 1.

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Fig. 7.

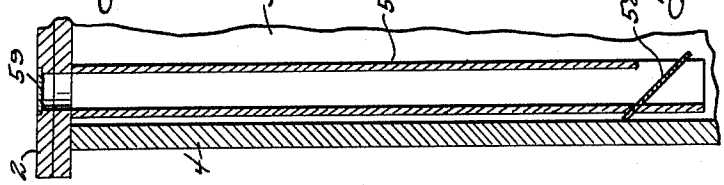
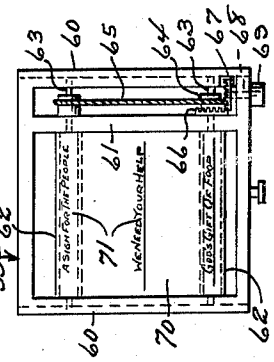


Fig. 8.



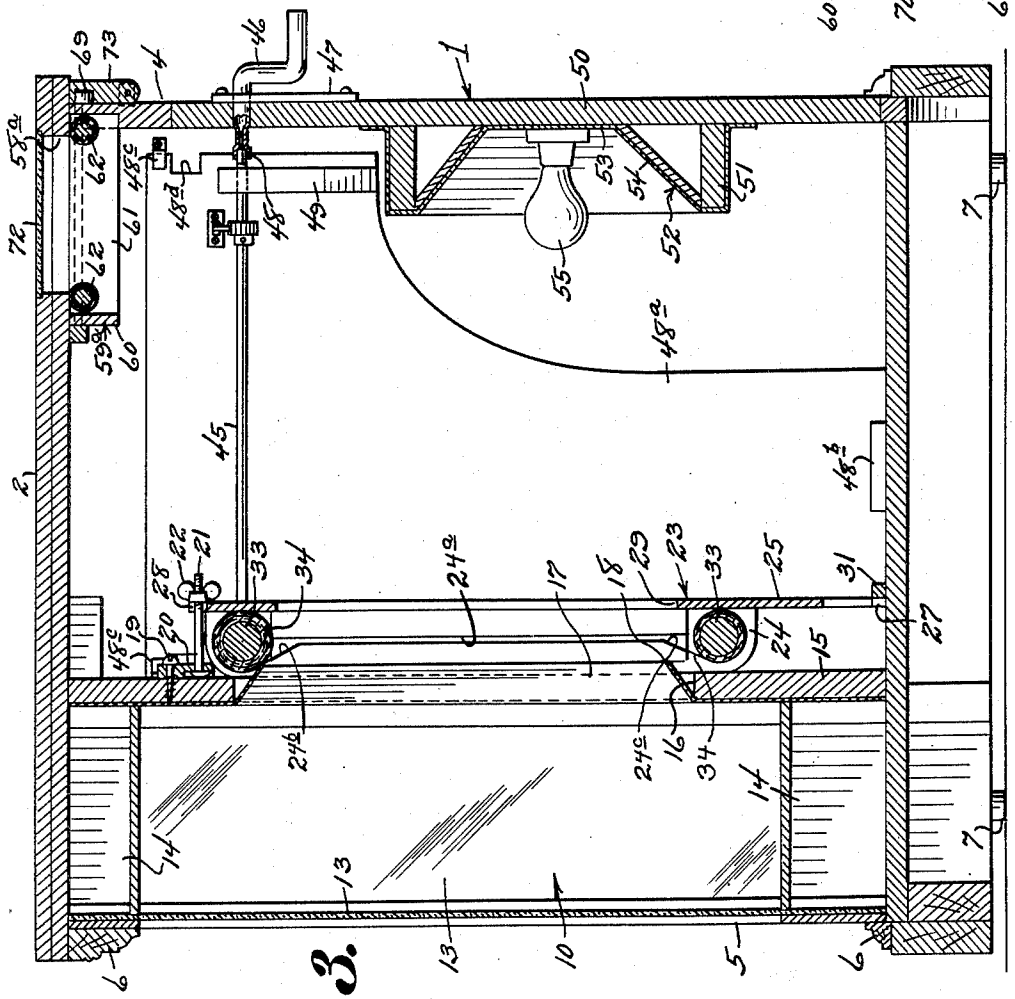


Fig. 3.

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Fig. 6.

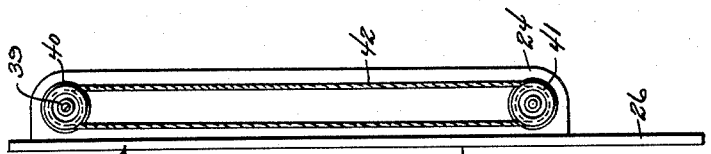


Fig. 5.

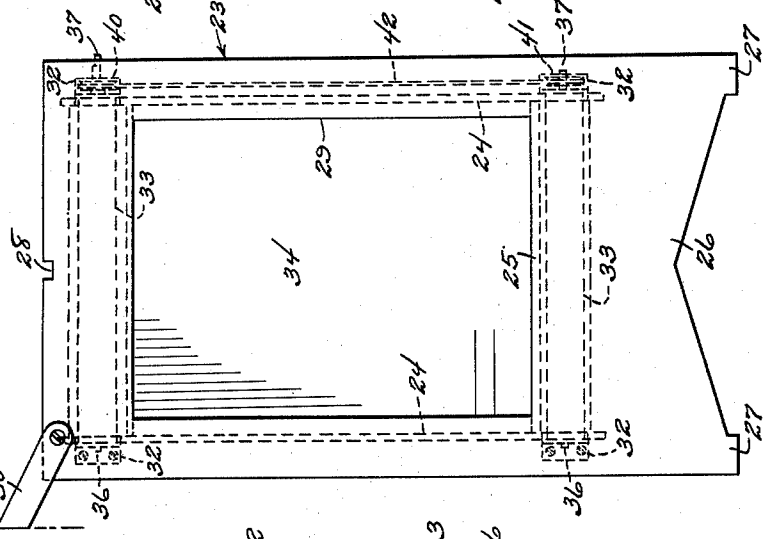
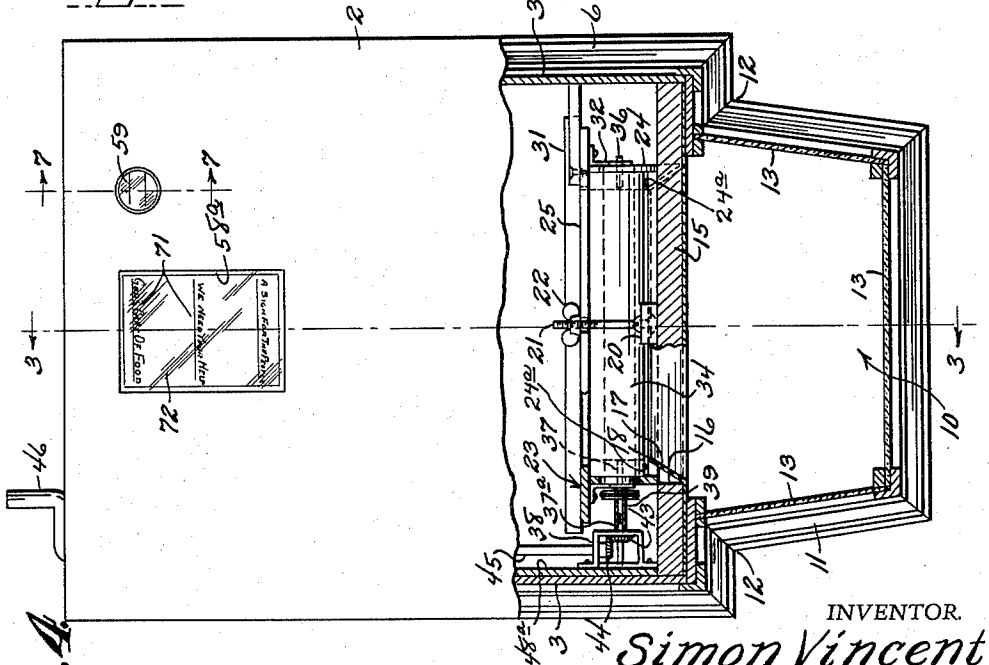


Fig. 4.



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Patented Aug. 1, 1950

2,517,262

UNITED STATES PATENT OFFICE

2,517,262

SCROLL PULPIT

Simon Vincent, Washington, D. C.

Application July 17, 1944, Serial No. 545,386

2 Claims. (Cl. 40—86)

1

My present invention, in its broad aspect, has to do with improvements in pulpits and is designed to provide appropriate, changeable, illuminated pictorial representations to accompany the pastor's script while the sermon is being delivered, and at the same time to give illuminated, changeable, line guides for the sermon, and means whereby the pastor can check the showing of the pictures as the sermon progresses.

More particularly, it is my purpose to provide an improved pulpit structure in the front of which, and within the view of the congregation, is a pictorial display compartment with the pictures carried on a movable belt to display the pictures one after the other to correspond with the text and the theme of the sermon, and illuminating means to complete the portrayal. A line guide carried on the top of the pulpit is also characterized by a movable belt and displays the sequence of lines forming a guide to the sermon, and illuminated by the same illuminating means as the pictorial display. A reflecting device keeps the pastor informed of the progress of the pictorial display as the sermon is delivered.

Other, and equally important objects and advantages of my invention are: (1) to provide a pulpit which is sturdy and simple in construction, and pleasing in appearance: (2) to provide unique and improved operating and illuminating means for the pictorial display: (3) to provide a unique and improved display compartment for the pictures: (4) to provide an improved illuminated line guide, and: (5) to provide novel reflecting means so that the pictorial display is viewable by the operator, i. e., the pastor.

Other objects and advantages will be apparent as the description proceeds, and it will be manifest that my invention is simple in construction, pleasing in appearance, practical in operation, and in every way desirable for the purposes for which it is intended.

In the drawings wherein I have illustrated a preferred embodiment of my invention:

Figure 1 is an elevation showing the front of my pulpit;

Figure 2 is an elevation showing the back of my pulpit;

Figure 3 is a vertical section taken on the line 3—3 of Figure 4;

Figure 4 is a top plan view, partly broken away and in section to show interior parts;

Figure 5 is a front elevation of the support for the picture reels;

Figure 6 is a side view of the support for the picture reels;

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Figure 7 is an enlarged section taken on the line 7—7 of Figure 4 and shows the reflector, and

Figure 8 is a plan view of the script or line guide support.

In the drawings wherein like characters of reference are used to designate like or similar parts throughout the several views:

The numeral 1 designates the hollow body of my pulpit, and it will be noted that its height is greater than its width. The body has a top 2, sides 3, a back 4 and a front 5, with top and bottom moldings 6, feet 7.

The front 5 is formed with a forwardly extending compartment 10, the converging sides 11 of which are somewhat inset from the edges of the pulpit as at 12. The front wall and both side walls have glass panes 13 and a top and bottom construction 14 providing a deep frame through which pictures are displayed as will hereinafter appear. A partition 15 is mounted back of the compartment 10 and has an opening 16 framed as at 17, such frame may be of decorated sheet metal and has an inwardly and angularly flared edges 18. Screwthreadedly attached as at 19 to the upper part of the partition 15 is an arm 20 carrying a swinging bolt 21 with a wing nut 22.

Mounted for engagement with the partition 15 and in registry with the opening 16 therein is a support 23 having side rails 24 engaging the partition adjacent the opening 16 and a back panel 25 with a lower extension 26, cut to provide feet 27 and a slot 28 in its upper edge. The back panel has an opening 29 corresponding with opening 16, and is supported by an arm 30 at its top corner within the pulpit. The support is mounted by engaging its feet 27 back of a stop bar 31 on the floor of the pulpit and engaging the swinging bolt 21 in the slot 28 and screwing up the wing nut 22 to hold the side rails 24 against the partition 15.

Mounted between side rails 24 and journaled in brackets 32 are upper and lower reels 33 carrying a transparent belt 34 on which are transparent pictures 35. Each reel has a pin 36 at one end and a shaft 37 at the other. The top shaft 37 is coupled to a shaft 37a journaled in a box 38. The shafts 37 and 37a are releasably held in engagement by a sleeve 39. A pulley 40 carried by the top shaft 37 cooperates with a similar pulley 41 on the shaft 37 of the lower reel, and a cable belt 42 to drive the lower reel with the upper reel to wind the belt 34 displaying the pictures 35 from one reel to the other back of, and in registry with the frame opening 17. The shaft 37a

is provided with a beveled pinion 43 meshing with a beveled drive gear 44 on the shaft 45; which shaft extends to the rear of the pulpit and is provided with an operating handle 46. Turning of the handle advances the transparent belt 34 and pictures 35 back of the frame 17 where the pictures are visible through the glass panes 13 in the front and sides of the compartment 10. The side rails 24 are provided with vertically disposed grooves 24a having an upwardly and outwardly angled upper end 24b and a downwardly and outwardly angled lower end 24c which act as guide tracks for the belt 34 as it travels from one reel to the other reel. A suitable journal plate 47 is carried on the back wall 4 of the pulpit for the handle 46 which detachably engages the squared end of the shaft as at 48, and the shaft is further supported at its rear end by a journal block 49 on the panel 48a.

The back wall 4 has a hinged door 50 on which is mounted a rectangular open front box 51 carrying the reflector 52. The reflector has a back 53 and outwardly flared sides 54 and is bent about and down the sides of the box 51 and attached to the inner face of the door. In the center of the back of the reflector is mounted an illuminating bulb 55. The reflector and bulb are positioned to throw rays through the belt 34 and pictures 35. The bulb 55 extends somewhat in advance of the reflector to throw some rays upwardly. A suitable switch 56 is mounted on the back wall 4 adjacent the top of the pulpit to control the action of the bulb 55.

Mounted to depend from the top 2 of the pulpit is a tube 57 with an angular reflector plate 58 at its lower end which is in line with the pictures 35 so that these pictures are visible to the pastor or other person through an eye glass 59 in the top of the pulpit. The handle 46 is turned to display the desired pictures on the belt, which are illuminated by bulb 55, and the operation is checked by the operator, or pastor, through reflector tube 57.

The top 2 has a rectangular opening 58a therein near the back, beneath which is a rectangular support 59a having sides 60, and an intermediate partitioning and supporting wall 61. Two reels 62 are mounted in the support, each reel having an end shaft 63, one of which carries a pulley 64 cooperating with a pulley on the shaft of the other reel and with a cable belt 65 to operate both reels together. Shaft 63 of the reel nearest the back wall 4 has a beveled pinion 66 meshing with a drive bevel gear 67 on a stub shaft 68 carrying at its end protruding through the back wall 4, a finger operating knob 69, so that manipulation of the knob advances the transparent belt 70 on the reels 62 to display text in script lines 71 through the glass pane 72 carried by the top, and the belt and text are illuminated by bulb 55, since the back of the support 59a is open.

Access to the scrip belt 70 and the support 59a is obtained through a pivoted door 73 in the back wall 4 of the pulpit adjacent its top 2.

The gears 43 and 44 are located within the box 38 which contains a solid lubricant to insure the smooth and noiseless operation of the gears and the shafts upon which they are mounted. The box 38, shaft 48 and bearing block 49 are mounted upon a panel 48a which, like the support 23, is removably secured within the pulpit. It is held in place against one of the side walls of the pulpit by a piece 48b secured to bottom of the pulpit and by angle brackets 48c secured to the said side of the pulpit. The panel 48a has its upper end spaced downwardly from the top of the pulpit, and is provided below the brackets 48c with notches 48d, whereby to permit it to be applied or removed in a manner well understood.

It is believed that the construction and operation of my invention will be apparent from the foregoing, together with its advantages, but it is emphasized that interpretation of its scope and the broad inventive concept, should only be made in the light of the subjoined claims.

I claim:

1. A pulpit construction, comprising a body having a top and bottom, side walls and a front wall and a back wall forming an interior compartment, transparent panels in said front wall, an access door to the compartment in the back wall, a reflector carried by the door on the interior surface thereof, an illuminating means carried by the reflector centrally thereof, a framing device removably mounted rearwardly of and spaced from the front wall interiorly of the compartment in alinement with the transparent panels in said front wall, a belt carrying pictures adapted to be framed between said framing device intermediate of said panels and said illuminating means, means for moving the belt to display the pictures through said panels, a tube carried by the top rearwardly of the pictures, a reflector in the tube in alignment with the pictures to check the display of pictures and said pictures being transparent are illuminated by said illuminating means.

2. The invention as described in claim 1, wherein said framing device is provided with side rails for supporting reels carrying the picture belt, and a swingable latch arrangement for mounting said framing device is carried by said front wall adjacent the upper edge of said framing device, and an operating shaft is journalled within said compartment for operating said belt by means of a gear on one end thereof and intermeshing cooperating gears on said reels for driving said reels through said shaft to move the belt between the reels.

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