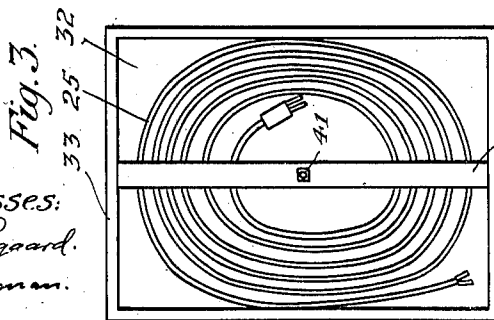
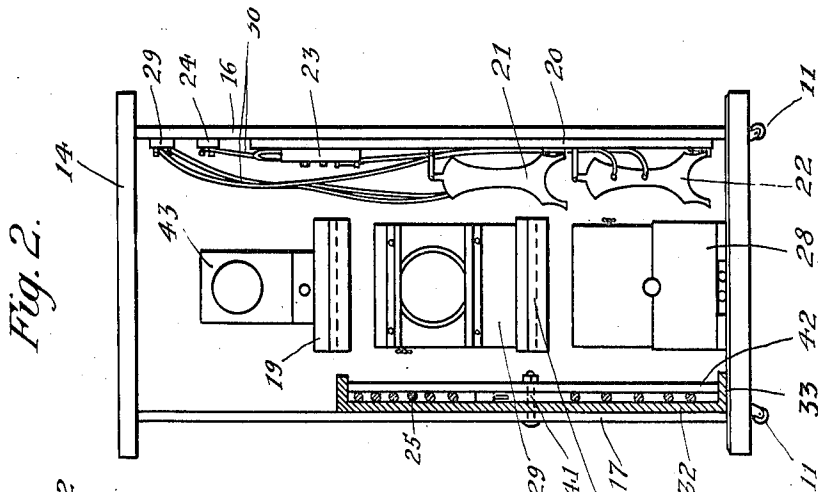
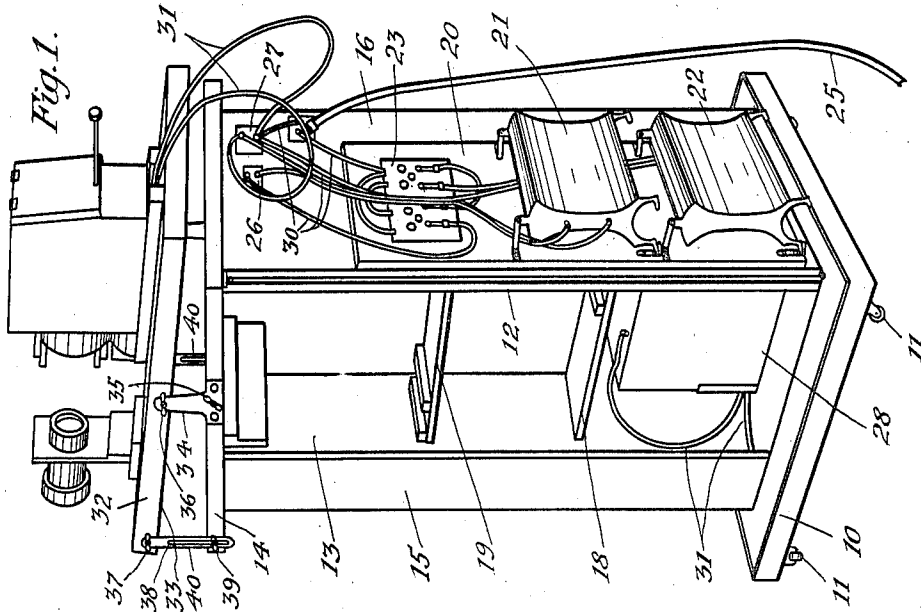


F. T. WILSON.
CABINET STAND FOR ELECTRIC PICTURE PROJECTION APPARATUS.
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1,065,756.

Patented June 24, 1913.



Witnesses:
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UNITED STATES PATENT OFFICE.

FRANK T. WILSON, OF STILLWATER, MINNESOTA.

CABINET-STAND FOR ELECTRIC PICTURE-PROJECTION APPARATUS.

1,065,756.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FRANK T. WILSON, a citizen of the United States, residing at Stillwater, in the county of Washington and State of Minnesota, have invented certain new and useful Improvements in Cabinet-Stands for Electric Picture-Projection Apparatus, of which the following is a specification.

My invention relates to a cabinet stand for picture projection machines, and has for its object to provide a stand for electric picture projection devices of compact and convenient size which may be readily moved about and upon which picture projecting apparatus may be assembled and adjusted with ease and despatch, and which, at the same time, provides a cabinet for receiving the necessary apparatus when the stand is not in use in such manner that the same may be got at and assembled with little labor.

It is also an object of my invention to permanently secure the switch board and rheostats of the projection apparatus to the cabinet stand in such manner that when current is being supplied thereto the heat generated by such current will have no injurious effect upon the stand or the devices stored therein, and yet, during operation of the stand, will be readily available for use.

The full objects and advantages of my invention will appear in connection with the detailed description thereof, and are particularly pointed out in the claims.

In the drawings illustrating the application of my invention in one form, Figure 1 is a perspective elevation view of my cabinet stand showing the apparatus in position for use. Fig. 2 is an end elevation with the end wall removed showing the cabinet closed and the various devices thereof stored away for non-use. Fig. 3 is an inside plan view of the table board.

The stand comprises a base 10 mounted upon casters 11, end walls 12 and 13 upon which is secured a top platform 14. The side walls 15 are provided with openings closed by doors 16 and 17. Within the cabinet are several narrow shelves 18, 19, extending between the walls 12 and 13 and

positioned centrally in the cabinet so as to leave a space on either side of said shelves, as clearly indicated in Fig. 2. The space, therefore, faces the doors and is utilized as is hereinafter pointed out.

Upon the inside of the door 16 is permanently secured a plate 20 of insulating material and upon this plate is fastened a pair of rheostats 21 and 22 and also a switch board 23. An insulated connection plug or bridge 24 is provided by means of which an electric cable 25 removably places the rheostats and switch board in connection with any source of current supply. A pair of insulated connecting plugs or bridges 26 and 27 are additionally secured upon the inside of the door 16 whereby connection may readily be made with either or both of two electric projection lanterns 28 and 29 as may be desired. The rheostats 21 and 22, switch plate 23, and connection plugs 24, 26, and 27, are properly and permanently connected by means of suitable wire cables 30 so that in order to completely set up for operation a lantern, it is only necessary to connect cables 31 of the lantern with one of the switch plugs 26 or 27 and cable 25 with plug 24. The lanterns 28 and 29, when not in use, will be carried upon the floor of the cabinet and the shelf 18 fixedly secured thereto by thumb screws provided for that purpose. A tilting table top 32 formed with a surrounding flange-like rim 33 is pivoted upon pedestals 34 which are removably fastened to table top 14 by means of thumb screws 35 said tilting table being held to the pedestals 34 by means of thumb screws 36. The outer ends of the table 32 have applied thereto by means of thumb screws 37 slotted links 38 which are adjustably secured to table 14 by means of thumb screws 39 extending through the slots 40 in said links, by which means the angle of the table may be adjusted as desired. When not in use, the table top 32 will be secured to door 17 by means of a bolt 41 extending centrally through the table top and said door, as indicated in Fig. 2, and the cable 25 for making connection with the source of electrical supply may conveniently be coiled within the depending portion of rim 33 on

the table top and there secured in position by means of a strip 42 through which bolt 41 passes as shown in Fig. 3.

The various thumb screws 35, 36, 37, and 39 will be used in securing the lanterns 28 and 29 and the projecting lenses 43 in position within the cabinet when the same are not in use, as indicated in Fig. 2. When these thumb screws are thus used they are screwed into sockets in the shelves and floor through suitable plates on the bases of the aforesaid apparatus, not shown, securing the same in fixed position in a well-known manner. It follows, therefore, that when doors 16 and 17 are closed the electrical connection apparatus permanently secured to door 16 will be housed within the cabinet in the space outside of the limits of the shelves 18 and 19, while the tilting top 32 with the cable 25 will be correspondingly housed in the space on the other side, and the exterior of the cabinet will be entirely free from obstruction and all parts will be securely closed in and protected from dust or damage. At the same time, when it is desired to assemble the lanterns for use, this may be done with great facility by simply swinging out the door 16 so as to bring the same beneath the projecting ledge of table top 14 in which position the electrical apparatus on said door will be conveniently positioned to be got at and, at the same time, will be so separated and insulated from the cabinet proper that the heat developed during operation of the device can have no effect upon the cabinet. Previous to this the door 17 will have been opened, tilting table top 32 removed therefrom and placed in the desired adjusted position upon table top 14 and one or both of lanterns 28 and 29 set in operative position upon tilting table 32. After this, the connection for electrical operation is quickly made, the cable 25 running to any ordinary lamp socket positioned in the room. The time for assembling the entire apparatus ready for use is less than one minute.

The advantages of my apparatus will be apparent. It is convenient, economical of space, providing means for protecting the more or less complicated apparatus required when the same is not in use or while it is being transported, and, at the same time, furnishes a device for receiving and supporting electric projection apparatus in the most convenient and accessible manner when the same is in use, which is efficient to a high degree.

I claim:

1. A cabinet stand for electric picture projection apparatus comprising an inclosed cabinet having doors in the sides thereof, means for adjustably mounting said picture projection apparatus upon the top

of the cabinet, and electric controlling and connecting mechanism for effecting and regulating supply of current from a source of electric energy to said projection apparatus mounted upon the inside of one of said doors and movable therewith to the outside of the cabinet in convenient position for access and where the heat generated thereby cannot affect the cabinet.

2. A cabinet stand for electric picture projection apparatus comprising an inclosed cabinet having doors in the sides thereof, shelves within said cabinet having the edges thereof spaced from said doors when closed, means for adjustably mounting said picture projection apparatus upon the top of the cabinet, and electric controlling and connecting mechanism for effecting and regulating supply of current from a source of electric energy to said projection apparatus mounted upon the inside of one of said doors within one of said spaces at the side of said shelves when the door is closed and movable therewith to the outside of the cabinet in convenient position for access and where the heat generated thereby cannot affect the cabinet.

3. A cabinet stand for electric picture projection apparatus comprising an inclosed cabinet having doors in the sides thereof, shelves within said cabinet having the edges thereof spaced from said doors when closed, a tilting table top secured to one of said doors and occupying one of said spaces when the door is closed, and means for adjustably securing the same to the top of the stand for supporting said picture projection apparatus, and electric controlling and connecting mechanism for effecting and regulating supply of current from a source of electric energy to said projection apparatus mounted upon the inside of one of said doors within one of said spaces at the side of said shelves when the door is closed and movable therewith to the outside of the cabinet in convenient position for access and where the heat generated thereby cannot affect the cabinet.

4. A cabinet stand for electric picture projection apparatus comprising an inclosed cabinet having doors in the sides thereof, shelves within said cabinet having the edges thereof spaced from said doors when closed, means for securing said picture apparatus upon said shelves and upon the floor of the cabinet so as not to extend into said spaces when said apparatus is not in use, a tilting table top secured to one of said doors and occupying one of said spaces when the door is closed and means for adjustably securing the same to the top of the stand for supporting said picture projection apparatus, and electric controlling and connecting

mechanism for effecting and regulating supply of current from a source of electric energy to said projection apparatus mounted upon the inside of one of said doors
5 within one of said spaces at the side of said shelves when the door is closed and movable therewith to the outside of the cabinet in convenient position for access

and where the heat generated thereby cannot affect the cabinet.

In testimony whereof I affix my signature
10 in presence of two witnesses.

FRANK T. WILSON.

Witnesses:

H. A. BOWMAN,
F. A. WHITELEY.