March 11, 1930. A. M. GOLDSTONE 1,750,171

CANDELABRA

Filed May 7, 1929

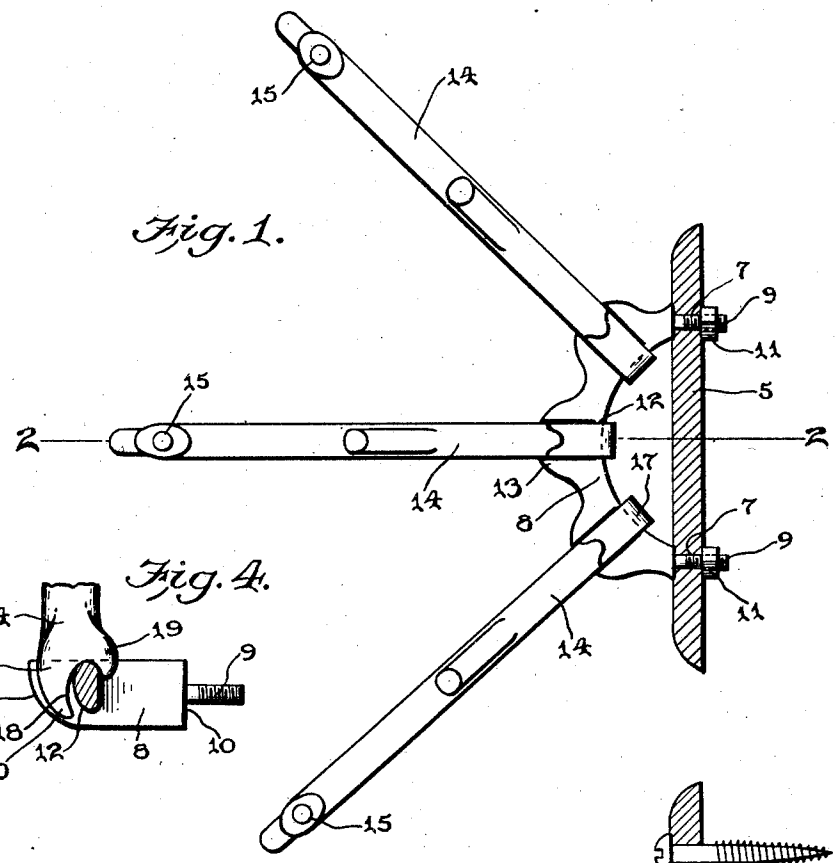


Fig. 1.

Fig. 4.

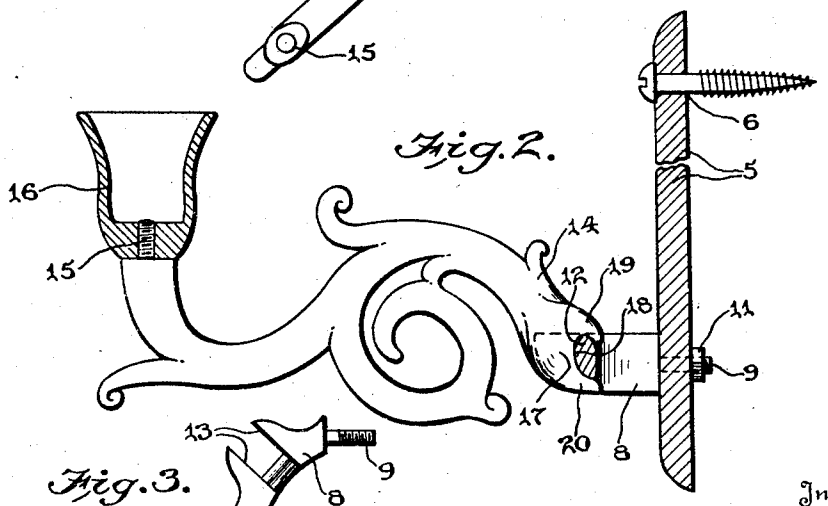


Fig. 2.

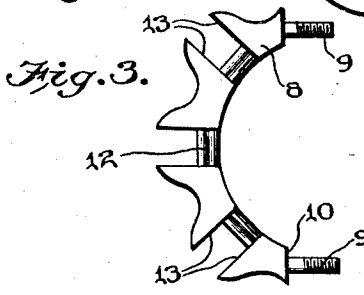


Fig. 3.

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UNITED STATES PATENT OFFICE

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CANDELABRA

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This invention relates to candelabra, and especially to a collapsible or "knockdown" candelabrum.

It is well known that there is a tendency of religious and fraternal organizations to adhere to that which is antique, and for social affairs to revert to that which is antique, so there is a considerable demand for candelabra at special occasions and assemblies of which many are held in large public assembly rooms that are not usually equipped with candelabra. To provide candelabra for such occasions and assemblies is inconvenient and expensive where each candelabrum is composed of fixedly united parts, for they have to be kept in a comparatively large storage space, handled and packed and transported with great care when needed for use at an assembly room, and such care and inconvenience are repeated when the candelabra is returned to storage.

Therefore, one object of this invention is to provide a collapsible or "knock-down" candelabrum having interchangeable candle-socket-arms that are quickly and easily demountable from and attachable to any one of a plurality of retaining seats; and which, when attached or mounted on or in said seats, will not become accidentally displaced, and will present the appearance of the antique candelabra such as generally used many years ago.

Another object is to provide a candelabrum with an arcuate supporting member which also serves as a clamping member for holding the candle-socket-arms flat upon one another and on the wall-plate when packed for transportation or storage, so all the units of each candelabrum are kept in convenient relation for the caterer or user when assembling the parts for hanging and using at a religious or fraternal assembly, or at a social affair such as a birthday or wedding anniversary

Other objects and important features are pointed out or implied in the following details of description, in connection with the accompanying drawings in which:

Figure 1 is a top plan view of a candelabrum constructed in accordance with this invention, the wall-plate being in horizontal section, and the candle-sockets being omitted:

Figure 2 is a vertical sectional view, the section being substantially along the line 2—2 of Figure 1, a part of the wall-plate being broken out:

Figure 3 is a top plan view of the arcuate or substantially U-shaped supporting member detached:

Figure 4 is a fragmental detail view showing the attaching end of one of the candle-socket-arms in position to be detached, or to be swung down into the interlocked position shown in Figures 1 and 2.

Referring to these drawings in detail, in which similar reference characters refer to similar parts in the several views, the invention is described in detail, as follows:

A wall bracket or plate 5 is apertured at 6, in the median or vertical central line, to receive a screw or other appropriate supporting or wall-attaching means. The plate 5 is also apertured at 7—7, these apertures being in the same horizontal plane and equally spaced from the vertical central line or plane.

An arcuate or U-shaped member or arm-seat-bracket 8 is provided with parallel screw-threaded studs 9—9 that protrude from the plane vertical end-surfaces 10 and are removably secured in the apertures 7—7 by means of nuts 11—11 that are threaded thereon and abut against the back of the plate 5. The member 8 may be provided with any appropriate number (preferably three, as shown) of candle-socket-arm-seats each including a bridge 12 and two abutments 13; the ends of the bridge being united with the vertical, plane and parallel surfaces of the abutments 13; the vertical cross section of the bridge being relatively high and narrow, and its upper edge being substantially evenly curved to provide a semi-journal or pivotal bearing for a purpose presently explained. Each pair of parallel surfaces of abutments 13 is disposed at an acute angle to the adjacent pair of such surfaces.

Several candle-socket arms 14 (three as here shown) are each provided with a screw-stud 15 on which a candle-socket 16 is removably secured by a threaded opening through

its bottom. These candle-sockets are of such shape that they can be nested and carried on strings or wires that extend through their threaded openings, although this is not essential for the purpose of collapsing and packing the devices for transportation. Each arm 14 has an attaching end 17 provided with parallel sides to fit snugly but detachably against the abutments 13 while its notch 18 fits snugly but detachably around the upper and front sides of the bridge 12 that supports it. The notch 18 is formed between a rearwardly and downwardly curved supporting lug 19 and a substantially horizontal retaining lug 20 which extends rearward under the bridge 12 and prevents the candle-socket-arm from being detached without being swung upward a considerable distance. The upper part of the notch 18 is semi-cylindrical and conforms to the semi-cylindrical upper side of the bridge 12, as shown, while the rear side of the notch 18 and the front side of the bridge 12 are substantially vertical and abut against one another in such manner as to limit the pivotal downward movement of the arm 14 and hold it in a horizontal position, as shown in Figure 2. The distance between the rear ends of the lugs 19 and 20 is less than the height of the bridge 12 of each candle-arm-seat, but greater than the width or front-to-rear extent; so when the arm 14 is swung upward from the interlocked position (of Figure 2) to the unlocked position (of Figure 4), the arm can be easily raised from between the abutments 13; and now, the candelabrum is in a knock-down condition and ready to be packed in a comparatively small space for transportation and storage.

A considerable space is provided between the concaved inner side of the U-shaped bracket and the wall-plate, and in this space or opening, the attaching ends of the arms 14 can be inserted when the nuts 11 are partly unscrewed, and now, by tightening the nuts 11, the arms are clamped in this collapsed or knock-down position.

Although I have described this form of my invention specifically, I do not intend to limit my patent protection to these exact details of construction and arrangement, for the invention is susceptible of numerous changes within the scope of the inventive ideas as implied and claimed.

What I claim as my invention is:

1. In a knock-down candelabrum, the combination of a wall-plate provided with means to engage with a supporting member on a wall, a U-shaped bracket provided with means to secure it in a horizontal position on said wall-plate, said U-shaped bracket including several pairs of spaced parallel surfaces and intervening bridges, each bridge being of greater height than its front-to-rear extent or thickness, and several candle-socket-arms each having an attaching end formed with a notch, each candle-socket-arm having a rearwardly and downwardly curved supporting lug that forms the upper part of said notch and is removably seated on and behind the upper part of any one of the bridges on which the candle-socket-arm is supported, said notch having a rear opening of sufficient extent to permit any of said bridges to be passed thereinto and to engage with said supporting lug so as to support any one of said candle-socket-arms detachably in a substantially horizontal position.

2. In a knock-down candelabrum; the combination of an upright supporting member; a substantially horizontal U-shaped member having means to secure it to said upright supporting member; and several candle-socket-arms each having an attaching end provided with substantially parallel sides and with a downwardly and rearwardly curved supporting lug and with a substantially horizontally and rearwardly extending securing lug; said U-shaped member having pairs of parallel upright surfaces, and a bridge between each pair of upright surfaces and united therewith and being of greater height than its front-to-rear extent; said supporting lug being adapted to conform to the top and rear-top part of any bridge of the U-shaped bracket while the said securing lug extends under said bridge for preventing accidental displacement of the candle-socket-arm; said lugs having their rear ends spaced for permitting the bridge to be passed therebetween when the candle-socket-arm is properly tilted and moved, said parallel sides of the candle-socket-arm being adapted to fit against said upright surfaces for preventing lateral movement of the candle-socket-arms.

3. In a knock-down candelabrum, the combination of an upright supporting member; a substantially U-shaped bracket provided with means to secure it to the supporting member; and several candle-socket-arms each having an attaching end including substantially parallel surfaces and a rearwardly and downwardly curved supporting lug; said U-shaped bracket including pairs of upright surfaces, and a bridge between these upright surfaces of each pair, the upright surfaces of each pair being at an acute angle to the upright surfaces of the next adjacent pair; each one of the candle-socket-arms being attachable by insertion of its parallel surfaces between the upright surfaces of any pair and causing said supporting lug to engage with the upper and upper-rear parts of said bridge; substantially as described, for the purposes specified.

In testimony whereof I affix my signature.

ABRAHAM M. GOLDSTONE.