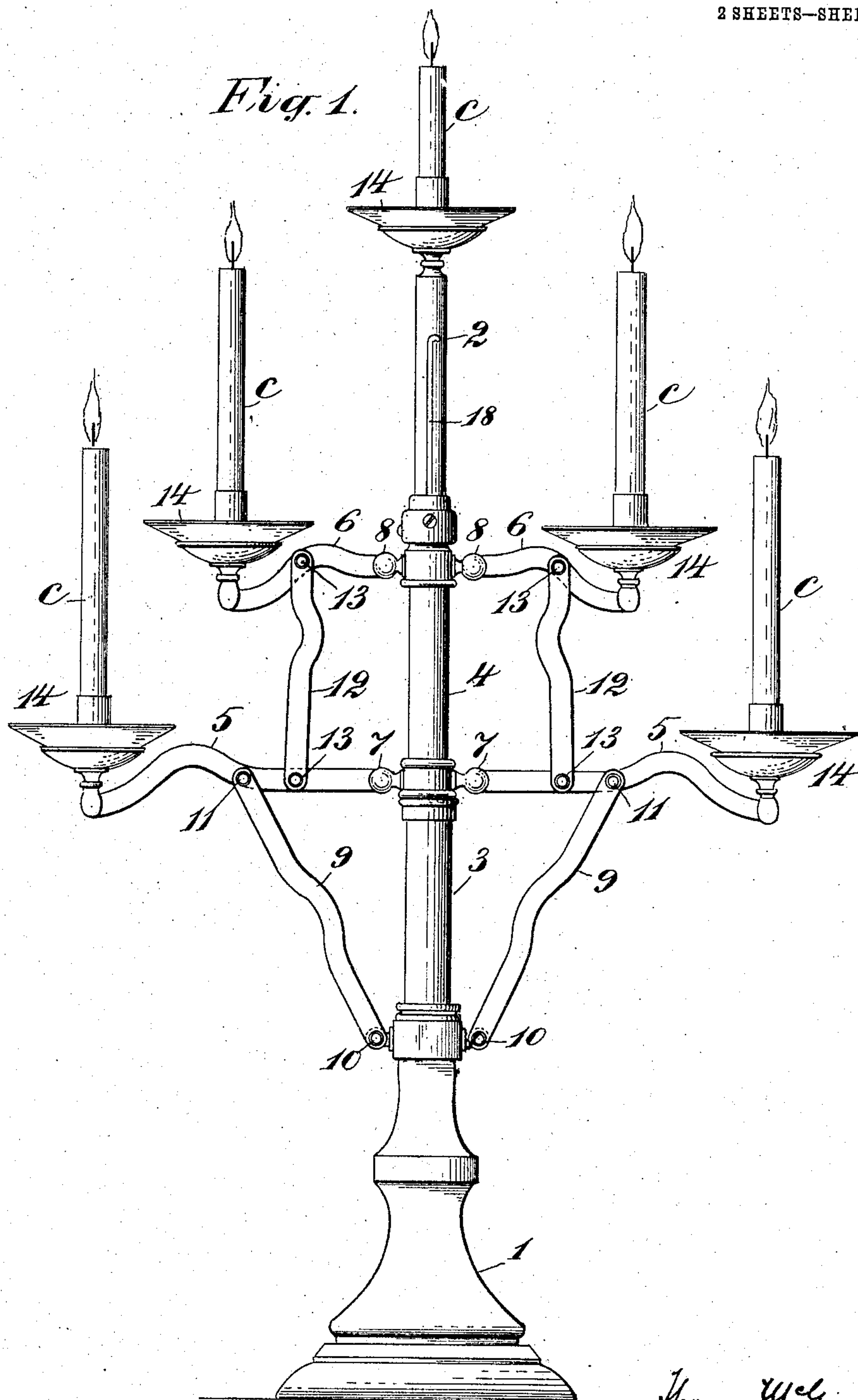


No. 780,758.

PATENTED JAN. 24, 1905.

T. MCGOVERN.  
FOLDING CANDELABRUM.  
APPLICATION FILED NOV. 10, 1904.

2 SHEETS—SHEET 1.



Witnesses  
*Benjamin A. Holt*  
*William L. Firth*

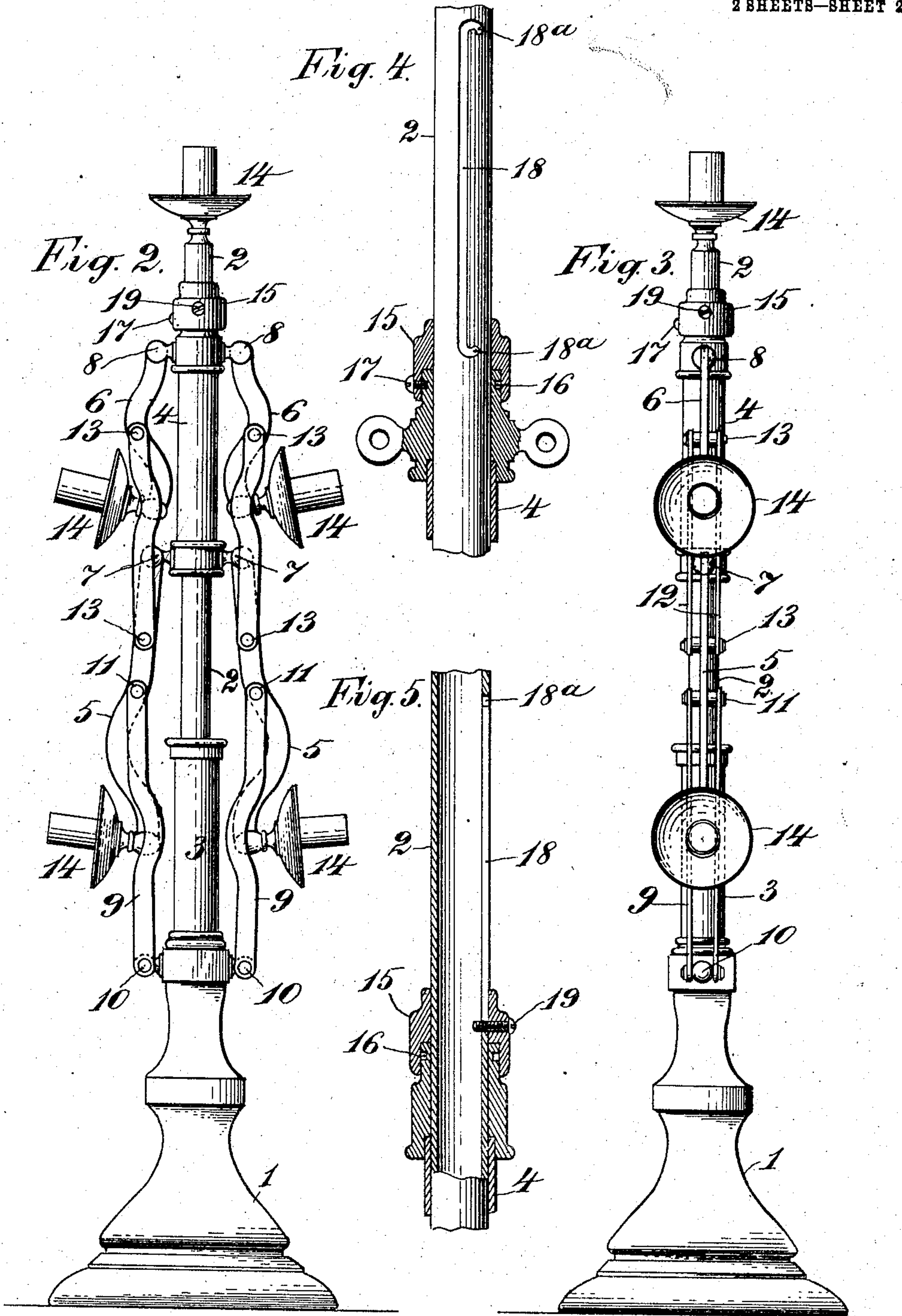
*Thomas McGovern*  
Inventor  
By his Attorney *Henry Combs*

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2 SHEETS—SHEET 2.



Witnesses  
Benjamin A. Holt  
William R. Smith

Inventor  
Thomas McGovern  
By his Attorney Henry Connell



# UNITED STATES PATENT OFFICE.

THOMAS McGOVERN, OF NEW YORK, N. Y.

## FOLDING CANDELABRUM.

SPECIFICATION forming part of Letters Patent No. 780,758, dated January 24, 1905.

Application filed November 10, 1904. Serial No. 232,208.

*To all whom it may concern:*

Be it known that I, THOMAS McGOVERN, a citizen of the United States, residing in the borough of Brooklyn, in the county of Kings, in the city and State of New York, have invented certain new and useful Improvements in Folding Candelabra, of which the following is a specification.

This invention relates to the class of candelabra generally employed by undertakers at funerals and which are required to have candle-bearing arms which can be folded in close to the stem for convenience in packing, storing, and carrying from place to place.

The present invention resides in the manner of constructing and mounting the folding arms and in the means for locking them in both the open and folded positions.

In the accompanying drawings, which serve to illustrate an embodiment of the invention, Figure 1 is a side elevation of the candelabrum in its unfolded or operative condition, and Figs. 2 and 3 are respectively side and edge elevations of the same in its folded or inoperative condition. These views are taken at right angles one to the other. Figs. 4 and 5 are sectional detail views, on a larger scale, illustrating the construction of the locking device.

1 designates the foot or base of the candelabrum, and 2 the upright stem or standard thereof. On this stem is a fixed sleeve 3, and on the stem also is a runner-sleeve 4, which is slidable up and down. 5 5 are the lower and longer arms, and 6 6 the upper and shorter arms. These are hinged to the runner 4, respectively, at 7 and 8, near its upper and lower ends. Pairs of links 9 9 couple the lower arms 5, respectively, with the base 1 at 10, the said links being pivotally coupled to the arms at 11 near the middle of their length. The upper arms are coupled to the lower arms by pairs of links 12 at the points 13, which are at equal distances from the runner 4. With this construction if we press down on the outer ends of the lower arms 5 these arms act as levers with the fulcrums at the points 11 and push upward the runner 4 to the position seen in Fig. 2, all of the arms folding in closely to the stem 2. Figs. 2 and 3 show

clearly the position the parts assume in folding. On the ends of the arms are candle-holders 14, and in Fig. 1 candles *c* are shown in the holders. One holder is also mounted on the upper end of the stem 2. It will be noted that downward pressure on the upper arms will not affect the folding, as the fulcrum 13 is on the arm 5 between the points 7 and 11. The sleeve 3 is in the nature of a collar and serves to limit the extent of the downward movement of the runner 4.

It is desirable that the parts shall be locked in both the unfolded and folded conditions, and this may be effected by any suitable locking means. That preferred is illustrated in Figs. 4 and 5 and will now be described.

On the upper end of the runner 4 is a locking-collar 15, rotatable on the runner and slidable with it on the stem. The runner has in it a circumferential groove 16, which is engaged by a pin or screw 17, Fig. 4, and this pin and groove secures the collar against separation from the runner. In the stem 2 is a slot 18, extending longitudinally, its length corresponding to the extent of movement of the runner on the stem. A pin or screw 19 set in the collar engages this slot 18 and plays along the same as the runner moves up or down. At its respective ends the slot 18 has lateral locking branches 18<sup>a</sup>, with which the pin 19 may be made to engage by turning the collar 15 about its axis on the runner when the latter is at either end of the travel.

Obviously the candelabrum may, if desired, be highly decorated and ornamented; but as such ornamentation forms no part of the present invention no attempt has been made to introduce it in the drawings. Obviously also there may be arms like the pairs of arms 5 and 6 projecting from the runner at right angles to those shown and provided with links disposed in the same way. This will be plain to any one skilled in the art and will need no illustration. The flat form of candelabrum shown in the drawings with the arms all in the same plane will usually be preferred.

The construction illustrated shows two superposed pairs of candle-holding arms; but



the present invention is not limited in this respect.

Obviously the runner 4 and sleeve 3 might be in one piece and slidable. This would merely transfer the stop-shoulder to the point where the links 9 are coupled to the base or foot.

Having thus described my invention, I claim—

10 1. A folding candelabrum, having a base, an upright stem on the base, a runner slidable on said stem, a lower pair of candle-holding arms hinged to said runner, links hinged to the base at their lower ends and to  
15 the respective lower arms at their upper ends, an upper pair of candle-holding arms hinged also to said runner, and upright links coupling the respective upper and lower arms, substantially as set forth.

20 2. A folding candelabrum, having a base, an upright stem on the base, a runner slidable on said stem, a lower pair of candle-holding arms hinged to said runner, links hinged to the base at their lower ends and to

the respective lower arms at their upper ends, 25 an upper pair of candle-holding arms hinged also to said runner, upright links coupling the respective upper and lower arms, and means for locking the runner in its terminal positions on the stem. 30

3. A folding candelabrum, having a base and upright stem, a runner 4, slidable on said stem, the arms 5 hinged respectively to opposite sides of the runner, the arms 6, also hinged respectively to the opposite sides of 35 the runner above the lower arms, the links 9, in pairs, coupling the lower arms to the base, the links 12, in pairs, coupling the respective upper and lower arms, candle-holders on the arms, and means for locking the runner in its 40 terminal positions.

In witness whereof I have hereunto signed my name, this 3d day of November, 1904, in the presence of two subscribing witnesses.

THOMAS McGOVERN.

Witnesses:

WILLIAM H. JUHRING,  
SAMUEL J. COMFORT.