No. 688,110. Patented Dec. 3, 1901.

H. F. NEHR.

CANDELABRUM.

(Application filed June 11, 1901.)

(No Model.) 2 Sheets—Sheet 1.

FIG. 1.

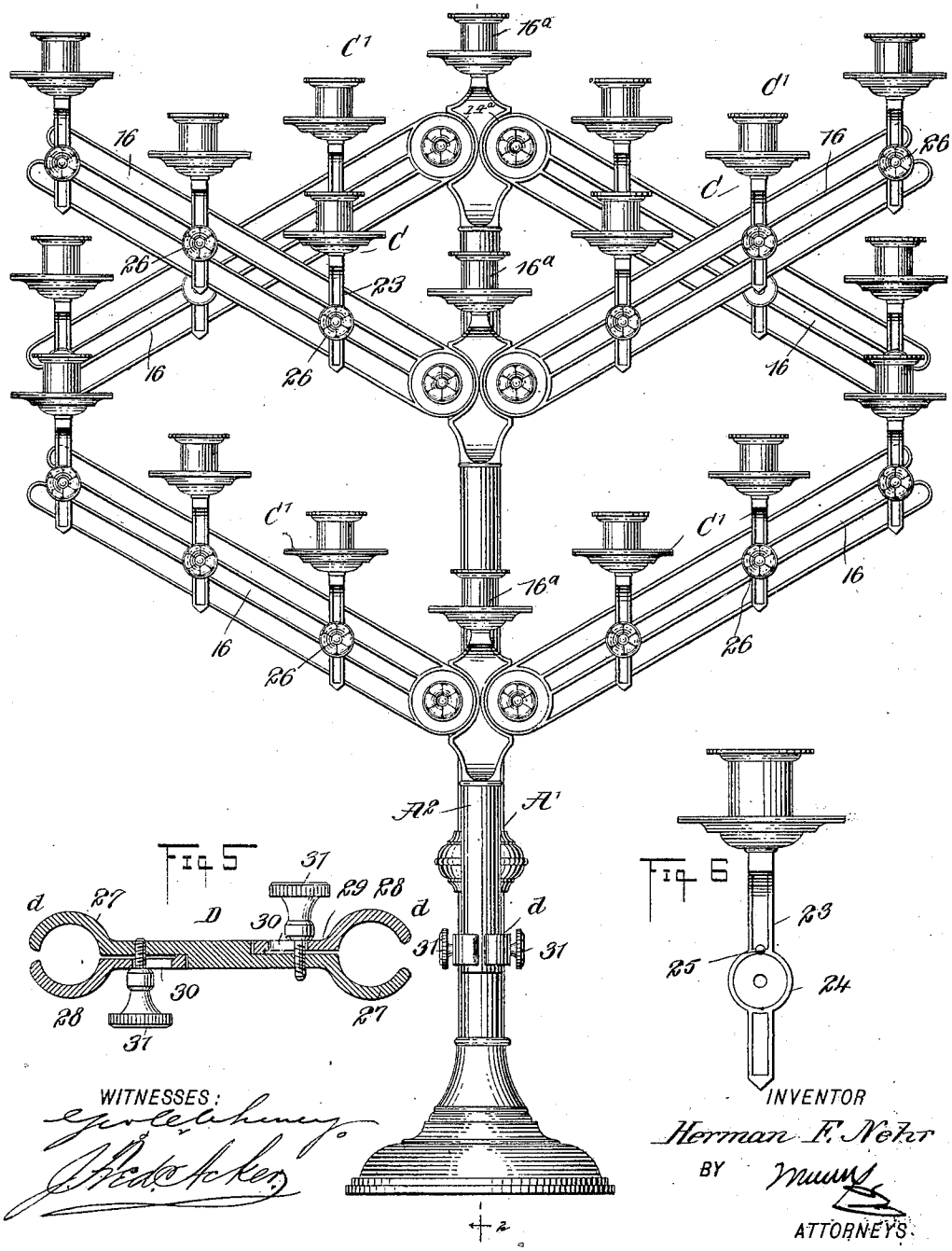

FIG. 5.

FIG. 6.

WITNESSES:

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ATTORNEYS.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

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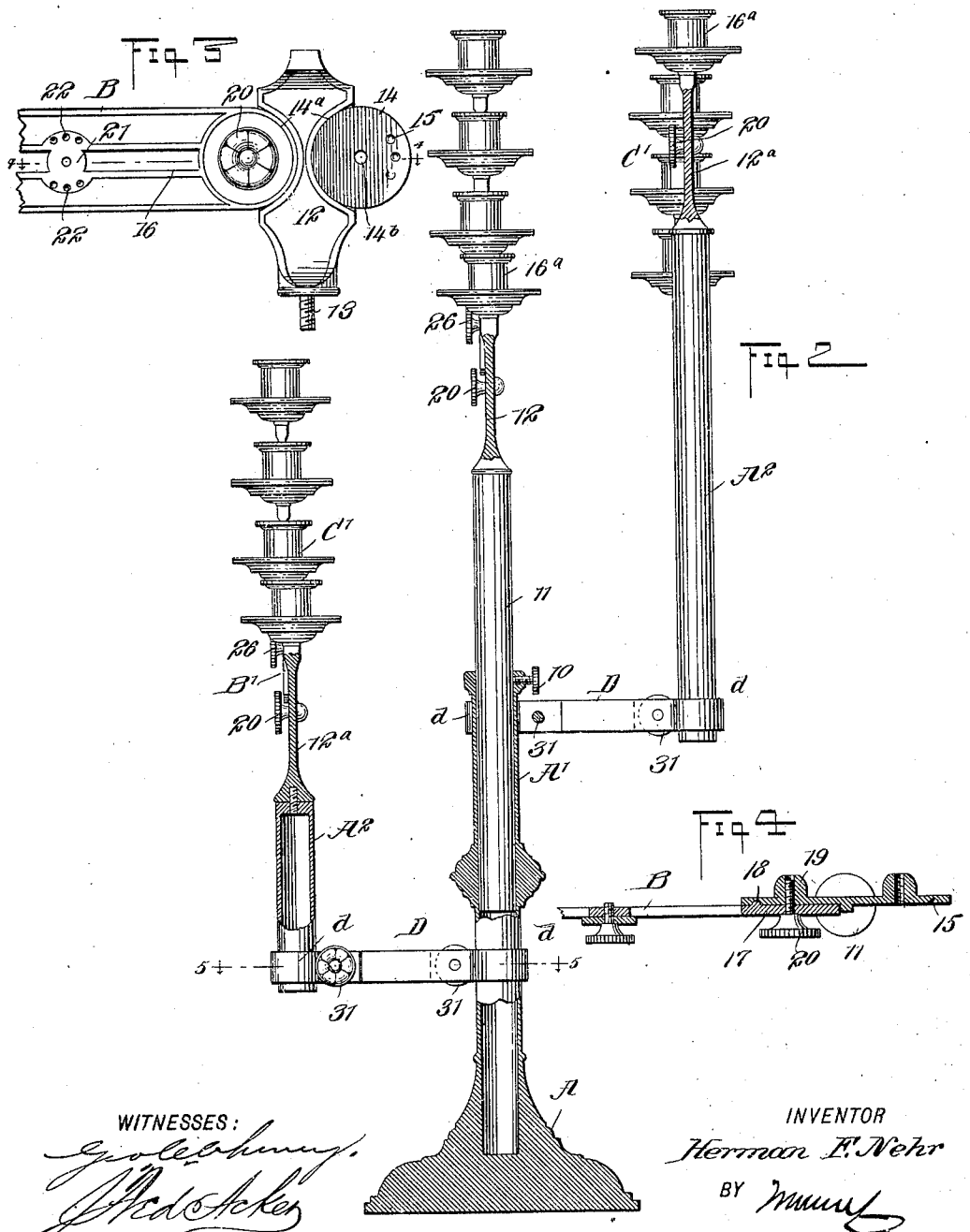

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HERMAN FREDK. NEHR, OF BROOKLYN, NEW YORK, ASSIGNOR TO BENZIGER BROTHERS, OF NEW YORK, N. Y.

CANDELABRUM.

SPECIFICATION forming part of Letters Patent No. 688,110, dated December 3, 1901.

Application filed June 11, 1901. Serial No. 64,104. (No model.)

To all whom it may concern:

Be it known that I, HERMAN FREDK. NEHR, a citizen of the United States, and a resident of the city of New York, borough of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Candelabrum, of which the following is a full, clear, and exact description.

The purpose of the invention is to provide a candelabrum constructed in such manner that the arms may be expeditiously and conveniently adjusted to different positions relative to the standard carrying them and as readily secured in their adjusted position.

A further purpose of the invention is to provide for a ready and convenient adjustment of the candlesticks upon the arms and to provide a simple and convenient locking device for the candlesticks.

A further purpose is to provide means whereby auxiliary standards may be quickly and readily attached to a support from the main standard, the auxiliary standards being provided with adjustable candlestick-supporting arms, and, furthermore, to so construct the entire device that it may be readily and conveniently set up and as easily dismembered, enabling each part of the device to be separately packed in a suitable case.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of the improved device. Fig. 2 is a side elevation, parts being in section, the section being taken practically on the line 2 2 of Fig. 1. Fig. 3 is a front elevation of a cap-section of one of the standards, illustrating a portion of one candlestick-carrying arm attached thereto, the opposing arm having been removed. Fig. 4 is a horizontal section taken practically on the line 4 4 of Fig. 3, and Fig. 5 is a horizontal section taken practically on the line 5 5 of Fig. 2, and Fig. 6 is a detail view of one of the candlesticks removed from its arm.

The base A is provided with a tubular stem A′, at the upper portion of which a set-screw 10 is located. In this tubular stem the main standard 11, of the device is made to enter, being adjustably held therein by the aforesaid set-screw 10. A cap 12 is secured by a screw 13 or otherwise to the upper end of the standard 11, and at opposite sides of the said cap disk projections 14 are formed, which disk projections are opposite each other, and the inner portions of the disk projections at the front of the cap are provided with marginal ribs or flanges 14^a, which ribs or flanges are also shown as constituting a portion of the marginal decoration of the cap. Each disk 14 is provided with a central opening 14^b, and at the outer side of the central opening 14^b of each disk a series of circularly-arranged depressions 15 is produced in the front face of each of the disk projections, as is shown in Fig. 3. A candlestick 16^a is permanently secured in any suitable or approved manner to the upper end of the said cap 12.

In connection with the cap 12 arms B are employed. In order that these arms shall appear light and ornamental, they are usually provided with longitudinal openings 16 between their ends, and the inner end of each arm B is provided with a disk 17. Each disk 17 of an arm B has a projection 18 upon its rear face, and these projections on the arms are adapted to enter any one of the recesses 15 in the disk extensions of the cap, so as to hold the arms B in a horizontal or in an upper or a lower inclined position, since the disks 17 at the inner ends of the arms B engage with the front faces of the disk extensions 14 from the cap 12, and the arms B are held in their adjusted position by set-screws 20, passed through openings in the central portion of the disks 17 of the arms and through the openings 14^b in the disk extensions and into reinforcing-lugs 19 at the rear of the disk extensions, as is shown in Fig. 4.

At intervals in the length of each arm B partitions 21 separate the openings 16 in the arms, and in the center of these partitions a threaded opening is made. Above and below the said openings in the partitions 21 indentations or recesses 22 are circularly produced on the front face of the arms.

In connection with each arm B a series of

candlesticks C is employed. Each candlestick is provided with a shank 23, having a disk formation 24 at a point between its ends, and in each disk formation 24 a central opening is produced. At one side of said opening a lug 25 is produced on the rear face of the disk formation on the shank of each candlestick, and these lugs 25 are adapted to enter any one of a series of recesses 22, so as to give the candlesticks more or less of an inclination to the right or to the left and to hold the candlesticks in upright position. The candlesticks are held in their adjusted position by set-screws 26, passed through the central openings in the disk formations of the shanks of the candlesticks and into the threaded openings in the partitions 21.

It will be observed that by having two series of recesses 22 at each partition 21 the arms B may be used either right or left and the candlesticks be secured to the arms, pointing upward.

In addition to the main standard 11 other standards A^2 may be employed, one auxiliary standard A^2, for example, being located at the front of the main standard and one at the rear. These auxiliary standards are adjustably attached to the main standard in a manner to be hereinafter described. Each auxiliary standard A^2 is provided with a cap 12^a, similar in construction to the cap 12 heretofore described, and each cap 12^a carries two arms B, adjustable on the said cap in the same manner as is shown in Fig. 3, together with a series of candlesticks, likewise adjustable on the arms of the auxiliary standard in the same manner as has been heretofore described. The means for holding the auxiliary standards A^2 in position and connecting them with the main standard 11 consists of clamping-arms D, one of which is shown in detail in Fig. 5. Each clamping-arm consists of a body-bar provided with a clamp *d* at each end. These clamps consist of fixed curved jaws 27, located at opposite sides of the ends of the body-bar, and adjustable jaws 28, having shanks 29, which are fitted in recesses made in the body-bar. The jaws comprising each clamp *d* are semicircular and are curved in direction of each other, and the shanks of the movable jaws 28 are provided with slots 30, through which the threaded portions of set-screws 31 are passed into the body-bar. Consequently the set-screws for the clamps *d* of the clamping-arms are at opposite sides of the body portions of said arms, as is clearly shown in Fig. 5. The jaws of one clamp on a clamping-arm D are adapted to receive and be held in firm engagement with the main standard 11, or preferably the extension A′, from the base in which the main standard is fitted, while the jaws at the opposite end of the clamping-arm receive and hold an auxiliary standard A^2.

It will be observed that when a clamping-arm is to be disengaged from the main standard or its carrier or from an auxiliary standard it is simply necessary to loosen the set-screw 31 at that end of the clamping-arm, whereupon the movable jaw 28 at such end can be carried laterally toward the main standard owing to the slot 30, which will then afford play to such an extent as to admit of the jaws 28 being released from its connection with the standard, especially since the screw is of such length as to permit the movable jaw to be also carried sidewise and outward at an angle to the standard.

It is evident from the foregoing construction of a candelabrum that the parts may be put together very quickly and that the candelabrum may be dismembered just as readily and the various parts placed singly in a case adapted to receive them. It is also evident that the auxiliary standards may be so placed with reference to the main standard as to produce a stepped effect and that the arms of each standard, being independently adjustable, may be carried to such positions as to produce very pleasing and artistic effects.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. In a candelabrum, the combination, with a standard provided with a cap and disk extensions from the cap located at opposite sides, each disk extension being provided with semicircularly-arranged series of depressions in its forward face, of arms provided with disks at an end adapted for engagement with the disks of the cap and for movement thereon, the disks on the arms having projections arranged to enter any one of the depressions in the disks of the cap, set-screws pivoting the said arms to the disk extensions of the cap, the said set-screws being likewise adapted to secure the said arms in adjusted position, candlesticks adjustably mounted on the said arms and a clamping-arm for the standard comprising a body-bar, clamping-jaws at each end of the body-bar, one clamping-jaw at each end being fixed and the opposing clamping-jaw being capable of sliding and rotary motion and set-screws passed through slots in the movable jaws and into the body portion of the arms, for the purpose specified.

2. In a candelabrum, the combination, with a standard provided with a cap, and disk extensions from the cap located at opposite sides, each of said disk extensions being provided with semicircularly-arranged series of recesses in its forward face, of arms provided with disks at one end adapted for engagement with the disk extensions of the cap, the disks on the arms having projections arranged to enter any one of the depressions in the disk extensions of the cap, set-screws pivoting the said arms to the disk extensions of the cap, the said screws being likewise adapted to secure the said arms in adjusted position, and candlesticks adjustably mounted on the said arms, the shank of each can-

dlestick being provided with a disk formed between its ends, having a central opening therein and a projection upon one of its faces, the said arms being provided with openings at intervals in their length and with series of recesses in the front face above and below the said openings, the recesses being adapted to receive the projections on the shanks of the candlesticks, and set-screws passed through the disks on the shanks of the candlesticks and through the said openings in the arms, as and for the purpose described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HERMAN FREDK. NEHR.

Witnesses:
L. OSTENRALDER,
WM. A. KLINGLER.