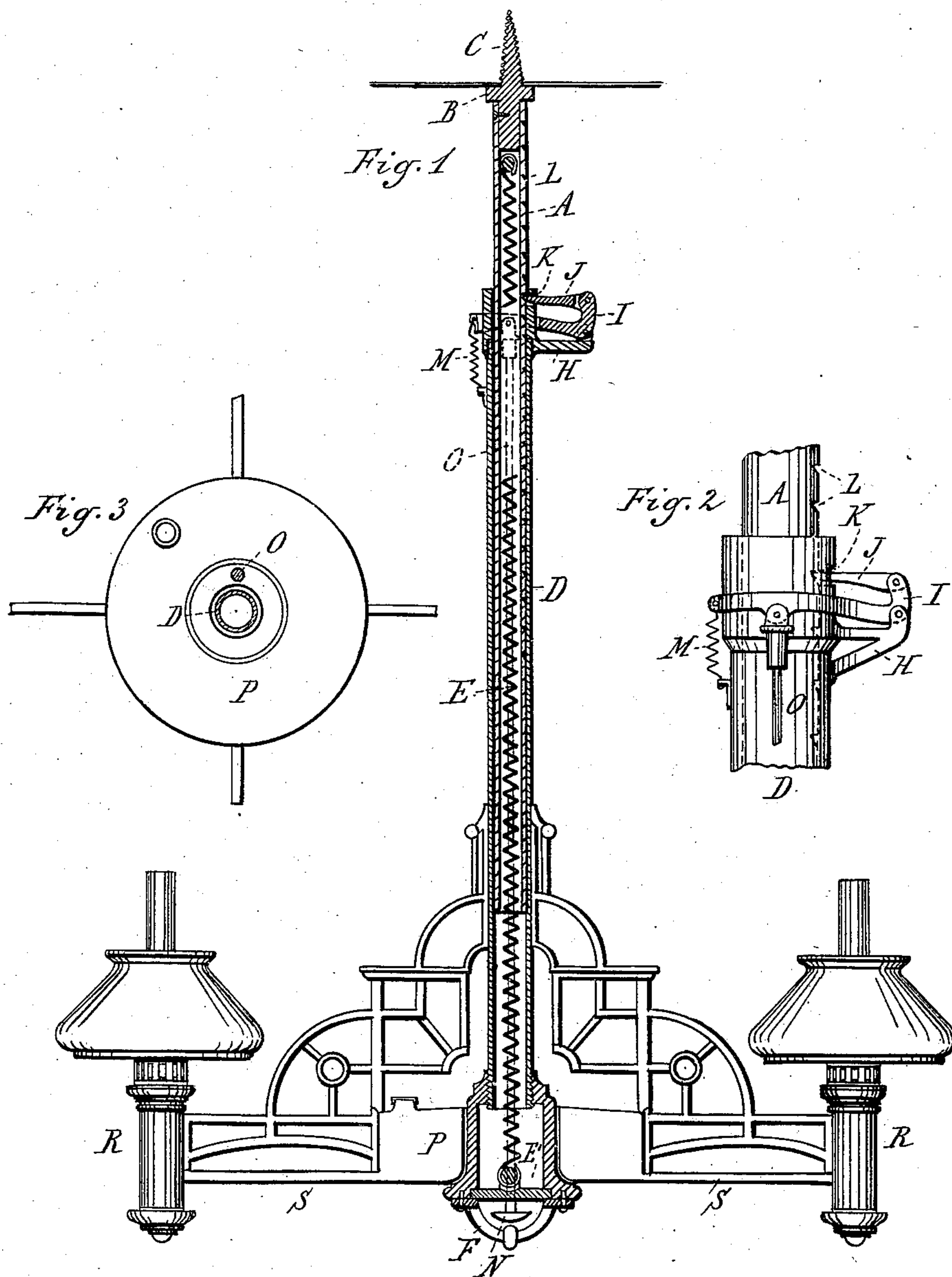


(No Model.)

M. & J. K. McCAHILL.
ADJUSTABLE CHANDELIER HANGER.

No. 255,442.

Patented Mar. 28, 1882.



Attest:
A. Barthel
Charles J. Hunt

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Atty

UNITED STATES PATENT OFFICE.

MARGARET McCAHILL AND JOHN K. McCAHILL, OF DETROIT, MICHIGAN,
ASSIGNORS TO SAID MARGARET McCAHILL.

ADJUSTABLE CHANDELIER-HANGER.

SPECIFICATION forming part of Letters Patent No. 255,442, dated March 28, 1882.

Application filed September 14, 1881. (No model.)

To all whom it may concern:

Be it known that we, MARGARET McCAHILL and JOHN K. McCAHILL, of Detroit, in the county of Wayne and State of Michigan, have
5 invented an Improvement in Adjustable Chandelier-Hangers, of which the following is a specification.

The nature of this invention relates to certain new and useful improvements in devices
10 for suspending chandeliers from the ceiling in such manner that such chandelier may be readily adjusted at desired points between the ceiling and the floor.

The invention consists in the novel construction and arrangement of parts, as more fully
15 hereinafter described.

Figure 1 is a vertical sectional view of our improvement. Fig. 2 is an enlarged sectional elevation. Fig. 3 is a plan of the bottom.

20 In the accompanying drawings, which form a part of this specification, A represents a tube or pipe, in the top of which is secured the plug B, the upper end of which terminates in a screw, C, designed to engage with one of the
25 timbers of the ceiling. This tube A is sleeved within a tube, D, and a spring, E, which counteracts the weight of the supporting parts, is inclosed within said tubes and secures them together, as shown, one end of said spring being
30 secured at the top to the tube A, and the lower end being secured at the bottom to the head of the hollow bottom E', such bottom being screwed or otherwise secured to the lower end of the tube D. This bottom is provided with
35 a handle, F.

H is a bearing secured to and projecting from the tube D near its upper end, and I is a bell-crank lever pivoted to said bearing, and to the upper end or arm of this lever is pivoted
40 the latch or dog J, the free end of which passes through a slot, K, in the tube D to engage with one of the notches, L, a series of which are cut in the side of the tube A, each notch having its lower side inclined in order to allow of the
45 freedownward movement of the dog. A spring,

M, is secured to the long arm of the lever I and to the tube D, as shown, to compel the above-described engagement, except when the latch is forcibly disengaged by pushing upon the button N, which is secured upon the end of
50 the rod O.

P represents an oil-chamber surrounding and supported by the bottom E', and from which the lamps R are fed through the tubes S.

As shown in the drawings, the device is
55 adapted to support an oil-lamp chandelier; but it can readily be used for a gasalier by leaving out the screw-plug at the top and screwing the tube A to the service-pipes in the usual manner.
6c

We are aware that chandeliers have heretofore been constructed of two tubes, one sliding within the other and counterbalanced by springs and provided with locking devices, and therefore we do not broadly claim an extensible
65 chandelier provided with a counterbalancing-spring and a locking device.

What we claim as our invention is—

In a chandelier, the stationary pipe A, provided with notches L, having downwardly-inclined lower sides, the pipe D, sliding on said
70 pipe and provided at one end with the bracket H and at the other end with the burner-branches, and the spring E, contained within the two tubes and connected to their opposite ends, in
75 combination with the lever I, connected to the bracket H at one side of the tube and with a spring, M, on the other side, the dog J, pivoted to the upper end of the lever and engaging with notches L, inclined, as described, in the
80 stationary tube, and the rod O, pivoted to the lever near the center of the same and extending downward close to the side of the pipe D, as and for the purpose specified.

MARGARET McCAHILL.
JOHN K. McCAHILL.

Witnesses:

CHARLES J. HUNT,
R. DEACON.