(No Model.)

F. EBELING.

SWINGING CANDLE HOLDER.

No. 589,821. Patented Sept. 14, 1897.

Fig. 3.

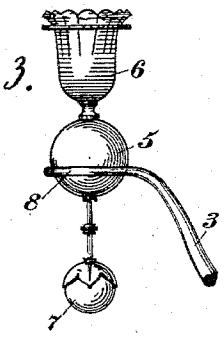


Fig. 1.

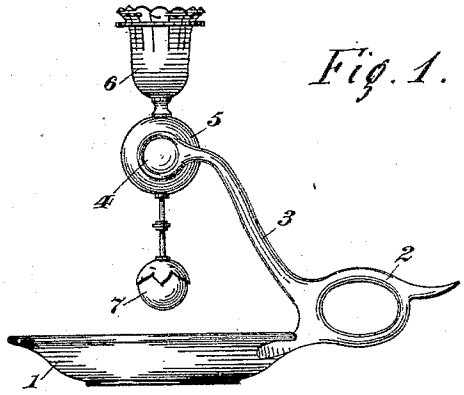


Fig. 2

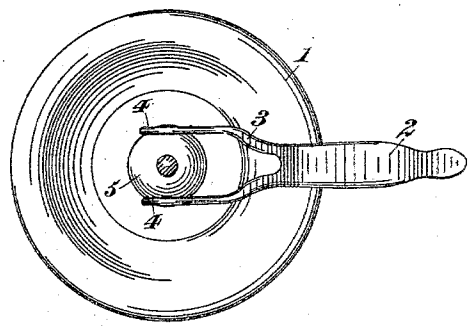


Fig. 4.

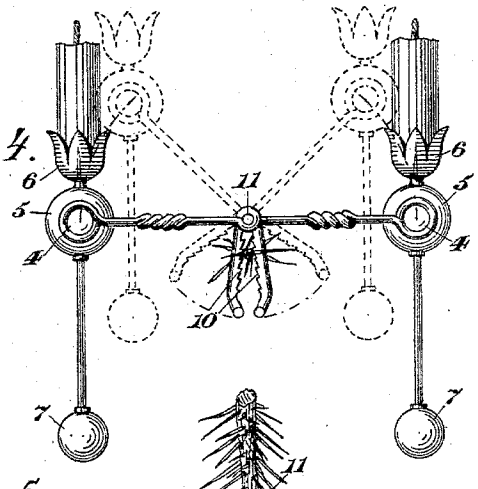
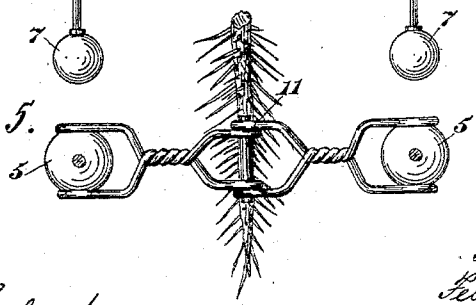


Fig. 5.



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

UNITED STATES PATENT OFFICE.

FELIX EBELING, OF HANOVER, GERMANY.

SWINGING CANDLE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 589,821, dated September 14, 1897.

Application filed March 18, 1897. Serial No. 628,091. (No model.)

To all whom it may concern:

Be it known that I, FELIX EBELING, a subject of the German Emperor, residing at Hanover, in the German Empire, have invented a certain new and useful Improvement in Swinging Candle-Holders, of which the following is a full, clear, and exact description.

The present invention consists of a swinging candle-holder, as hereinafter particularly described, and in order to render the present specification more easily intelligible reference is had to the accompanying drawings, in which similar numerals denote similar parts throughout the several views.

Figure 1 is a front elevation of a candlestick constructed on the principle of the present invention. Fig. 2 is a plan of Fig. 1 with the candle-holder removed from its supporting-ball. Fig. 3 is a part side elevation of a modified form of candlestick. Fig. 4 shows the adaptation of the holder for use in connection with Christmas trees, the clamping device being shown open in dotted lines and closed in full lines; and Fig. 5 is a plan of Fig. 4.

Referring to Figs. 1 and 2, the candlestick is provided with a tray 1, of the usual construction, having a handle 2, which carries an upwardly-extending arm 3, having a bifurcated end. The bifurcation of the said upper end is formed with bearings for the ball 5, said bearings being hollowed out, as at 4, to enable the ball to be rotated therein, and, in short, to form a universal joint with said ball 5. This arm 3 forms a bifurcated member having resilient or yielding holding-arms, between which the ball is engaged and which may be sprung apart on the insertion or removal of the ball. At the upper part of the ball 5 is fixed the candle-holder 6, while a counterpoise 7 is suspended from the lower side of the said ball.

From the above description it will be clear that the candle will remain in a vertical position, owing to the action of the counterpoise and the universal joint, whether the tray is in a horizontal or slanting position. According to Fig. 3, instead of two laterally-recessed supporting-arms for the ball a horizontal recessed arm 8 is employed, in which the ball is supported and carries the counterpoise and candle.

Figs. 4 and 5 show the adaptation of the invention for illuminating Christmas trees. According to this arrangement the ball supporting the light and the counterpoise is supported in a bifurcated arm having lateral recesses in its bifurcations, and having at the other extremity a downwardly-extending arm with gripper-teeth, as at 10. Two supports of this kind are pivoted together, as at 11, and the weight of the candle at each side and the counterpoise for each candle causes the grippers to grip the bough of the tree. In this form of the invention instead of the bifurcated arms 4 the horizontal ball-support 8 might be employed, as will be evident.

The hereinbefore-described invention is applicable to chandeliers and other gas-arms.

The material of which the device is made is of no importance, as any suitable metal or other substance may be employed.

I claim as my invention—

The combination of a candle-holder, a ball attached thereunder, a counterpoise under said ball and attached thereto, an arm having means for supporting said ball free to rotate within certain limits, a downwardly-extending arm at the opposite end of said arm, and means for pivotally attaching the same to a duplicate arm in the manner and for the purpose substantially as described.

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

FELIX EBELING.

Witnesses:
C. WAGURR,
H. UTHOFF.