

(No Model.)

D. LANGE.
CUSPIDOR.

No. 439,667.

Patented Nov. 4, 1890.

Fig. 1.

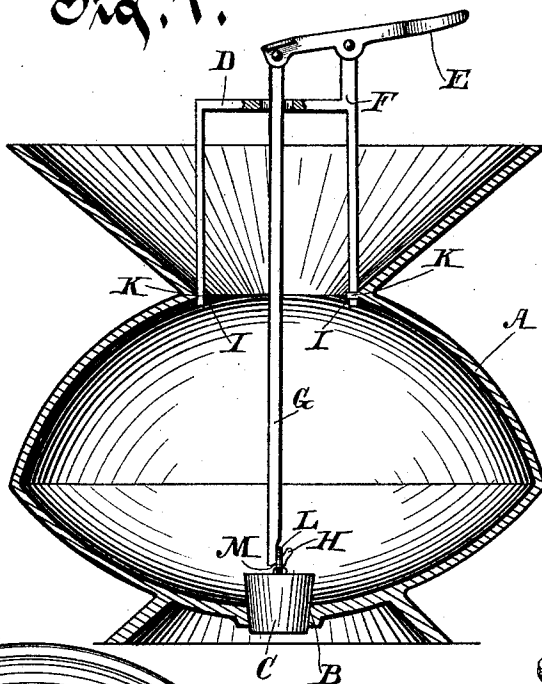


Fig. 2.

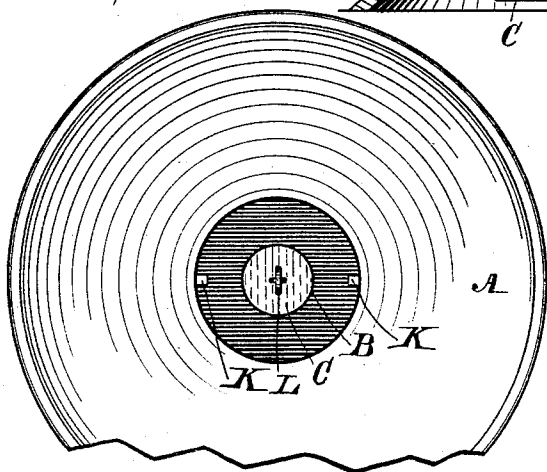
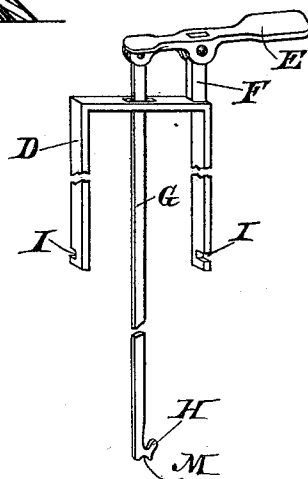


Fig. 3.



Witnesses.

C. H. Keeney.
Anna Faust.

Inventor.

Diego Lange
Ernst & Benedict
Attorneys.

UNITED STATES PATENT OFFICE.

DIEGO LANGE, OF LA CROSSE, WISCONSIN.

CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 439,667, dated November 4, 1890.

Application filed January 25, 1890. Serial No. 338,124. (No model.)

To all whom it may concern:

Be it known that I, DIEGO LANGE, of La Crosse, in the county of La Crosse and State of Wisconsin, have invented new and useful
5 Improvements in Cuspidors; and I do hereby declare the following to be a full, clear, and exact description of said invention, reference being had to the accompanying drawings, and to the letters of reference marked thereon,
10 which form a part of this specification.

My improvement in a cuspidor relates especially to a device to be used in connection therewith for assisting in conveniently cleansing it.

15 In the drawings, Figure 1 is a central vertical section of a cuspidor with my improved device connected therewith. Fig. 2 is a top view of the cuspidor, the removable and temporarily-used part being omitted therefrom.
20 Fig. 3 is a perspective view of that portion of the device which is adapted to be used temporarily in connection with the cuspidor.

A is the shell of a cuspidor. An aperture B in the bottom of the cuspidor is provided
25 with a removable plug C. This aperture is provided for drawing off the contents of the cuspidor and such water as may be used for cleansing it. For conveniently inserting and removing the plug C from this aperture a device is provided consisting of a yoke D, a short
30 lever-handle E, pivoted medially on the top of a post F, rigid on the top of the yoke D, and a thereto-pivoted rod G, provided at its lower end with a hook H. The legs of the
35 yoke are each provided with a lateral recess I, which recesses are in opposite edges of the two legs and are adapted to receive therein the lugs K K, rigid to the cuspidor at opposite sides of its throat. These lugs serve to
40 support the yoke D when the yoke is placed in engagement therewith. The hook H is adapted to engage with a ring or eye L, secured to the plug C, whereby by elevating the rod G by means of the handle E the plug may
45 be removed from the aperture B. A small depression or socket M may also be formed in the end of the rod G, adapted to receive therein the lower part of the ring L, whereby the rod will remain in contact with the ring when
50 the plug is being inserted in the aperture and forced into it by the tilting of the handle E. The yoke D is readily removed from the cuspidor or attached thereto by inserting the legs of the yoke into the throat of the cuspidor and

swinging them around to the right or left, as
55 is necessary, to engage with or release itself from the lugs K K. The rod G preferably passes through the top of the yoke D in a slot therefor, whereby the rod is guided in its endwise movements.
60

What I claim as new, and desire to secure by Letters Patent, is—

1. A cuspidor formed integrally, having a narrow throat above an enlarged chamber and a downwardly inclined or curved bottom pro-
65 vided centrally at its lowest point with an aperture for discharging its contents, which aperture is closed with a plug removable upwardly, in combination with a yoke, a lever pivoted medially on the yoke, a rod hinged
70 at one end to one arm of the lever and at the other end provided with a hook adapted to engage an eye on the plug, and lugs rigid on the cuspidor in the throat or narrowest part, which lugs are adapted to receive thereon and
75 support the yoke, substantially as described.

2. The combination, with a cuspidor having a narrow throat with inwardly-projecting lugs at opposite sides thereof above an enlarged chamber and a plug inserted in an ap-
80 erture at the center and lowest part of the downwardly-curved bottom of the cuspidor, of a yoke having recesses in its legs adapted removably to engage the lugs in the throat of the cuspidor, a lever pivoted medially on a
85 post on the yoke, and a rod hinged at one end to the lever and provided at the other end with a hook, whereby readily to engage an eye on the plug, substantially as described.

3. The combination, with a cuspidor hav-
90 ing a narrow throat with lugs at opposite sides thereof projecting into the throat and a plug in an aperture in the bottom of the cuspidor, of a yoke having recesses in its legs adapted to engage removably the lugs in the throat of
95 the cuspidor, a slot in its top for receiving and guiding an endwise-moving rod, a lever pivoted medially on a post on the yoke, and a rod hinged on the lever and passing through the slot in the yoke, the rod being provided
100 with a hook, as H, and a recess, as M, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

DIEGO LANGE.

Witnesses:

E. W. KREBS,
FRANK NORBECK.