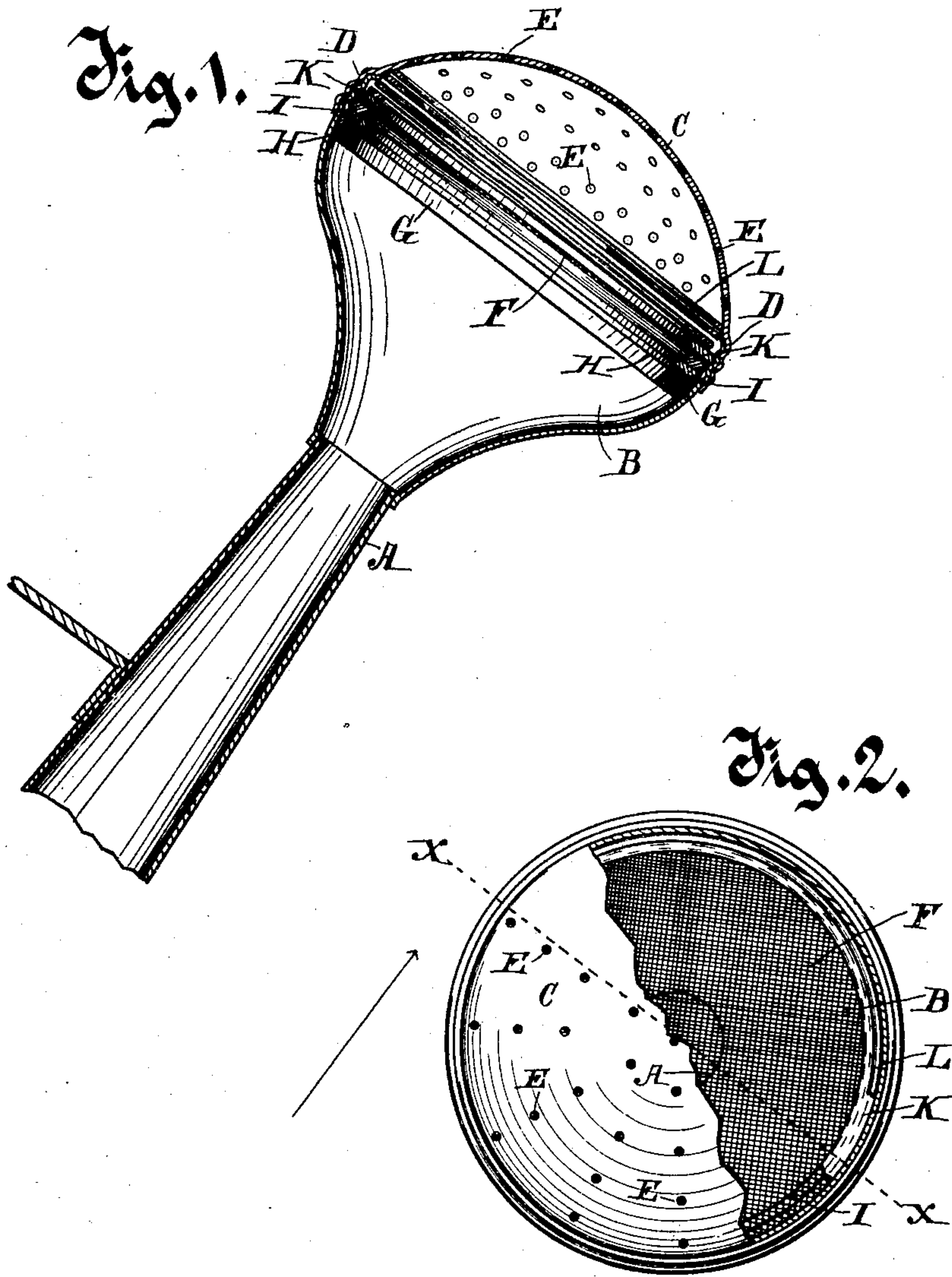


(No Model.)

F. SPLITTSTOSER.
SPRINKLER.

No. 414,732.

Patented Nov. 12, 1889.



Witnesses.

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UNITED STATES PATENT OFFICE.

FERDINAND SPLITTSTOSER, OF NORTH BRANCH, MINNESOTA.

SPRINKLER.

SPECIFICATION forming part of Letters Patent No. 414,732, dated November 12, 1889.

Application filed February 4, 1889. Serial No. 298,675. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND SPLITTSTOSER, of North Branch, in the county of Isanti and State of Minnesota, have invented
5 new and useful Improvements in Sprinklers; 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 or figures
10 of reference marked thereon, which form a part of this specification.

The object of my invention is to provide a device whereby the ordinary sprinkling-pot may be so improved and perfected as to
15 be a practical and satisfactory means for distributing or sprinkling paris-green or other powder in water on vegetables infected with insects. Heretofore it has been common to put paris-green in the water in a watering-
20 pot and stir or mingle the paris-green powder with the water and distribute it with the water through the sprinkler onto vegetables; but as the powder does not readily dissolve in the water it frequently clogs the apertures
25 or some of them in the sprinkler, necessitating considerable time and work to clear the closed apertures, or otherwise the water and powder will be very unevenly distributed. To obviate this difficulty is the especial ob-
30 ject of my invention.

In the drawings, Figure 1 is a longitudinal central section of the sprinkler or head of the spout of a sprinkling-pot with my removable device therein, taken on line X X of Fig.
35 2, looking in the direction of the arrow. Fig. 2 is a top or plan view of the sprinkler, broken away in part to show the interior construction.

In the drawings, A is the spout of a sprinkling-pot, and B is the enlarged end of the spout on which the cap having a large number of apertures E E, forming the sprinkler C, is secured by a peripheral screw-thread at D, whereby the cap or sprinkler is removable
40 at pleasure. Within the enlarged head B of the spout I insert removably a wire sieve F, which is adapted to strain the water and stop any large lump or considerable mass of the paris-green from passing through the sieve
50 and getting into the apertures E E in the sprinkler, whereby, although some portion of

the sieve may become clogged with the paris-green temporarily, yet sufficient water will pass through other parts of it to fill the space outside of the sieve and within the sprinkler, 55 so that the water will escape constantly through all the apertures in the sprinkler, and will thereby be evenly distributed, when if such lumps or masses of the paris-green were not stopped by the sieve they would
60 become impacted against the inside of the cap or sprinkler C, and thereby clog some of the apertures and stop the passage of water therethrough. The paris-green that clogs on the inner surface of the sieve will in most
65 cases be soon dissolved or washed away by the water, or if it remains in a mass the sieve can be readily removed from time to time and cleaned thereof. For supporting and holding the sieve in position I preferably
70 use a metal ring G, adapted to rest upon the flaring sides of the head B and having an inwardly-projecting flange H, which ring may be made of sheet metal. On this ring is a rubber ring-packing I, bearing against the
75 wall of the head B, and thereon is the sieve F, on which is placed another rubber ring-packing K, and above this is a spiral wire spring L, bearing also against the cap C and adapted to hold the sieve in position when
80 the cap C is turned down on the head B.

It will be understood that the ring G, packing I and K, the sieve F, and the spring L are all removable when the cap C is taken off
85 from the head B.

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

The combination of an enlarged head B of a spout of a sprinkling-pot, which head has flaring sides and a perforated cap removably
90 secured to the head B, with a removable ring G, adapted to rest on the flaring sides of the head B, and a removable flat metal sieve supported on the ring G at a distance from the cap, substantially as described. 95

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

FERDINAND SPLITTSTOSER.

Witnesses:

GEO. C. SMITH,

GEORGE KOSTERMAN.