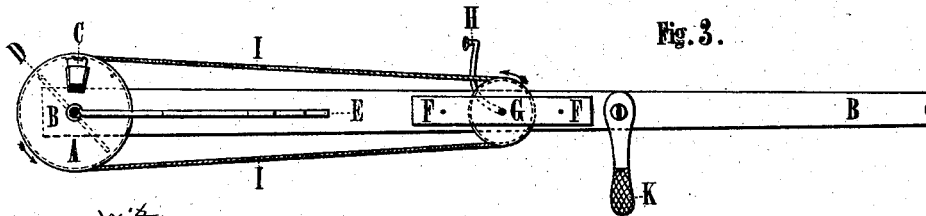
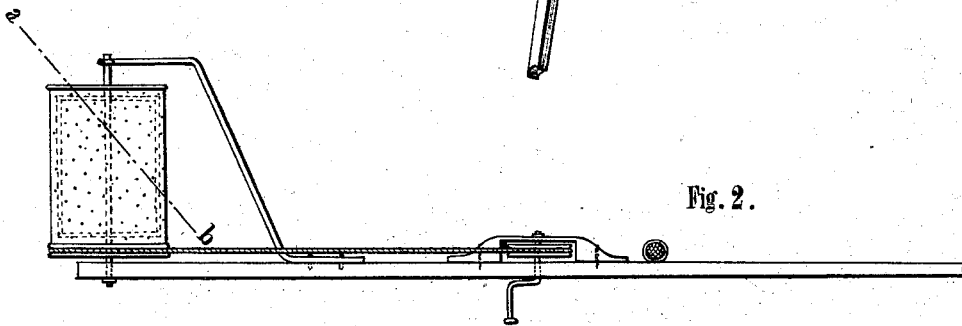
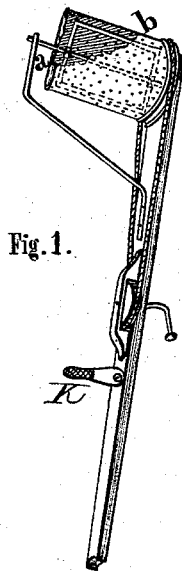


P. KITCHELL.

MACHINE FOR APPLYING POWDER FOR THE DESTRUCTION OF INSECTS.

No. 187,717.

Patented Feb. 27, 1877.



Witnesses,
W. H. Howell
A. L. Allen.

Inventor
Park Kitchell

UNITED STATES PATENT OFFICE.

PARK KITCHELL, OF WHIPPANY, NEW JERSEY.

IMPROVEMENT IN MACHINES FOR APPLYING POWDER FOR THE DESTRUCTION OF INSECTS.

Specification forming part of Letters Patent No. **187,717**, dated February 27, 1877; application filed June 29, 1876.

To all whom it may concern:

Be it known that I, PARK KITCHELL, of Whippany, in the county of Morris and State of New Jersey, have invented a new and useful Machine for Applying Paris Green or any other Dust or Powder to Plants for the Destruction of Insects; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a perspective view; Fig. 2, a longitudinal elevation; Fig. 3, a transverse section.

Letter A, Fig. 3, is a perforated cylinder; B, support; C, door to cylinder; D, regulator in cylinder; F, support for pulley G; H, crank; I, band; K, handle.

Operation: The preparation to be used is placed in the perforated cylinder A through the sliding door C. The end of the support B is placed under either arm and held in position by one hand holding the handle K. The crank H turned by the other hand sets in motion the cylinder, and the powder is deposited as desired.

What I claim as my improvement is—

The perforated cylinder A, support B, pulley G, and band I, in combination with the crank H and handle K, arranged as and for the purpose set forth.

PARK KITCHELL.

Witnesses:

WILLIAM H. HOWELL,
W. J. BRUCE.