

UNITED STATES PATENT OFFICE.

GEORG CALOV, OF KOSCHENTIN, SILESIA, GERMANY.

INSECT-POWDER.

SPECIFICATION forming part of Letters Patent No. 442,245, dated December 9, 1890.

Application filed October 16, 1890. Serial No. 368,337. (No specimens.)

To all whom it may concern:

Be it known that I, GEORG CALOV, a subject of the King of Prussia, residing at Koschentin, Province of Silesia, Germany, have invented certain new and useful Improvements in Insect-Powder, of which the following is a specification.

My invention relates to an insect-powder which may be readily distributed into the finest crevices, and which destroys absolutely large as well as small insects.

My insect-powder is a metallic powder consisting of a mixture of approximately eighty-five per cent. of zinc-dust and fifteen per cent. of carbonate of magnesium. The zinc-dust employed is a by-product obtained in the metallurgic manufacture of zinc. It contains in the finest state of distribution about ninety-five per cent. of metallic zinc, a small quantity of cadmium, and some impurities. The zinc-dust and carbonate of magnesium are in-

timately mixed in any suitable manner either in a mortar or by a mixing-machine. The carbonate of magnesium permits the mixture to be finely distributed by a blast of any kind, and thus the powder can be placed into the finest clefts or crevices.

My improved insect-powder will be found very efficient in destroying chafers, crickets, bugs, and vermin generally, while it is not injurious to men and domestic animals.

What I claim is—

An insect-powder consisting of a mixture of zinc-dust and carbonate of magnesium, substantially as specified.

In testimony whereof I hereunto sign my name, in the presence of two subscribing witnesses, this 29th day of September, 1890.

GEORG CALOV.

Witnesses:

JOHANNES VORMENG,
WILHELM HAUSCH.