

R. GORDON.
Ointment Bottle and Stopper.

No. 230,126.

Patented July 20, 1880.

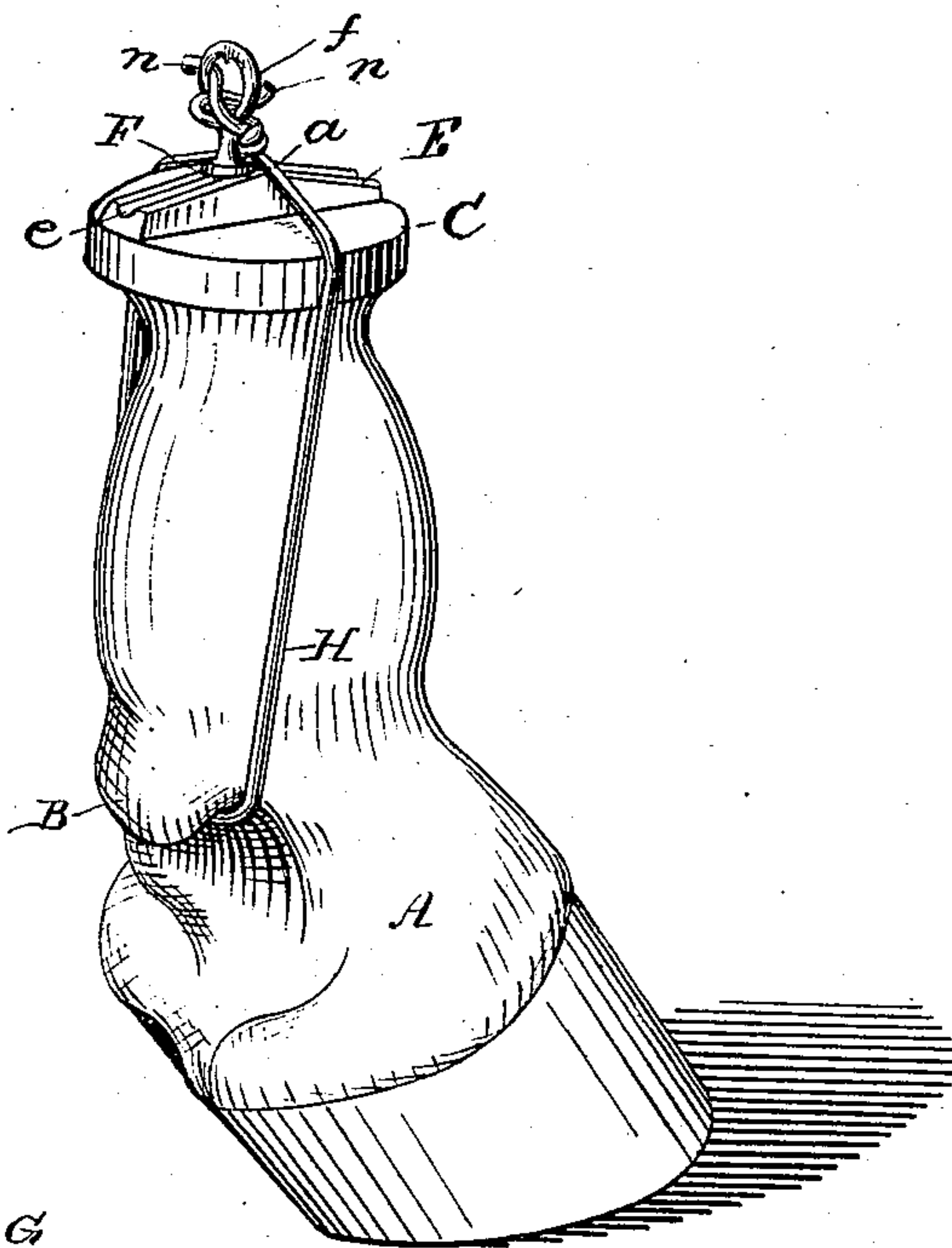


Fig. 1.

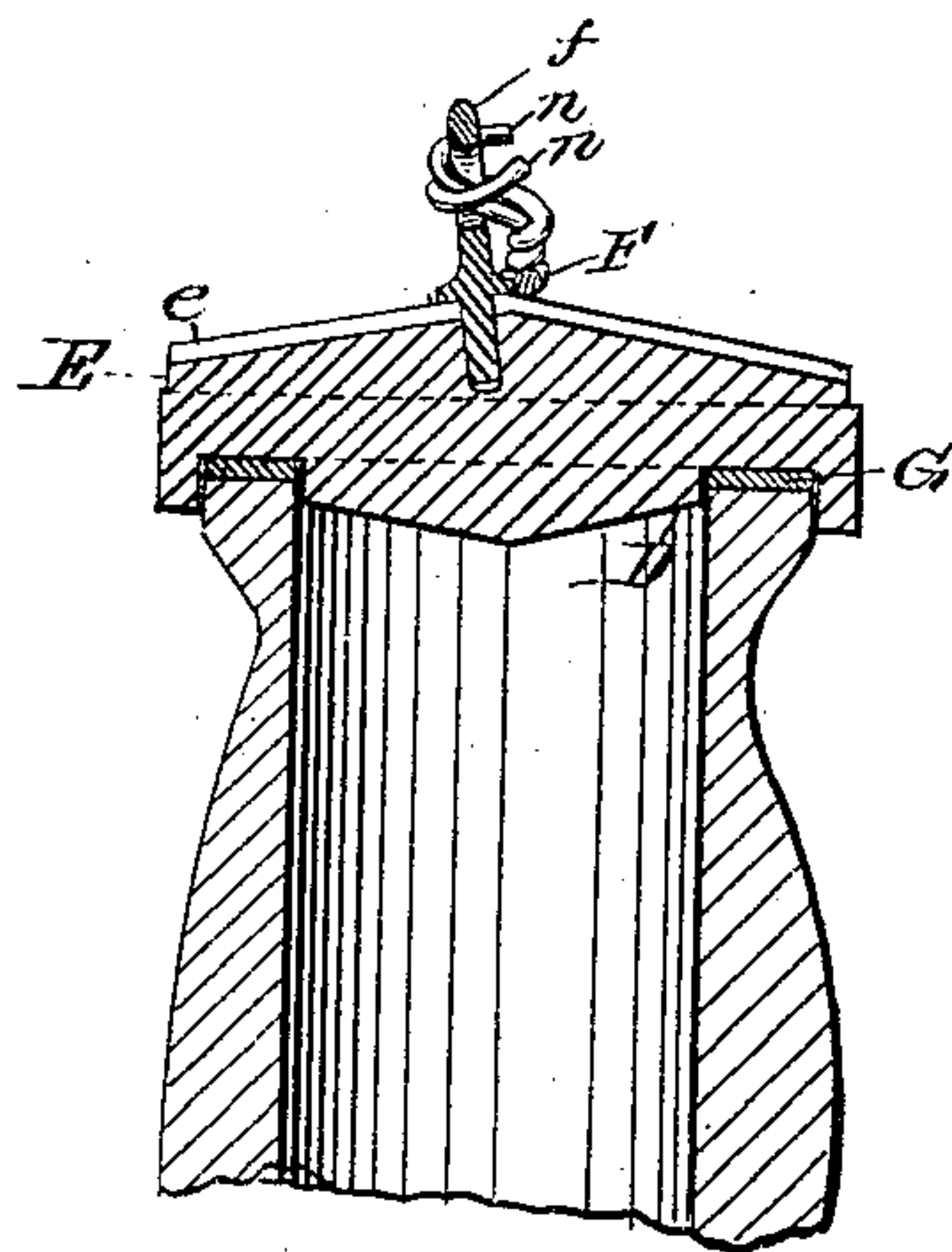


Fig. 2.

Witnesses
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UNITED STATES PATENT OFFICE.

ROBERT GORDON, OF McKEESPORT, PENNSYLVANIA.

OINTMENT BOTTLE AND STOPPER.

SPECIFICATION forming part of Letters Patent No. 230,126, dated July 20, 1880.

Application filed June 5, 1880. (No model.)

To all whom it may concern:

Be it known that I, ROBERT GORDON, of the town of McKeesport, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Ointment-Bottles and Stoppers Therefor, which invention is fully set forth in the following specification and accompanying drawings, in which all similar letters of reference indicate like parts.

In bottling ointments which contain in their composition volatile substances it has been found difficult to cork or stop them perfectly tight.

The object of my invention is to perfectly close such bottles by a stopper which can be easily applied or removed.

The invention consists in a novel construction and combination of parts, all as will be hereinafter fully described, and specifically pointed out in the claim.

Referring to the accompanying drawings, Figure 1 represents a perspective of the bottle, all the parts being in proper relation and the bottle closed. Fig. 2 is a vertical central sectional view of the neck and cover of the bottle.

A is the bottle; B, the fetlock; C, the lid or cover. D is the strengthening-rib, of such length that it will easily enter the mouth of the bottle. E is the inclined plane ridge on top of the lid and longitudinally over the rib D. *e* is a slight groove in the ridge, terminating in the apex-hole F, in which is inserted the metal lock-pin *f*, which is also used as a lever for forcing the wire loop up the incline of the ridge, as hereinafter set forth.

G is the gasket, preferably of gum. H is the wire loop, of such length that it will pass under the fetlock B and over the ridge E at the point *a* of the inclined plane of the ridge, where said wire is twisted together a few turns, the ends being free and of such length as will allow them to twist together around the lock-pin *f*. *n n* are the ends of the wire,

twisted together around the pin *f*, which is inserted in the apex-hole F, thereby locking the loop on the apex, to which it has been forced, as hereinafter explained.

The operation of corking or closing the bottle is as follows: The bottle being filled, the gasket is placed on its top edge and surrounds the mouth. The cover is then placed on it, the rib D entering the mouth, its shoulders engaging the walls thereof. The wire loop H is then hooked under the fetlock B and brought over the ridge. Lock-pin *f* is then introduced into the groove *e*, its foot or point engaging the side of the hole F, and the pin is actuated as a lever to force the loop up the incline, so as to compress the gasket and form a close joint between the cover and the rim of the bottle-mouth. The pin is then pushed down into the hole F, and the ends of the wire are twisted around the neck of the pin, thus locking all the parts together.

When it is desired to open the bottle, the wire is unlocked from the pin, which is then withdrawn from its socket and the wire pushed down the incline and off of the ridge.

I desire to say that in place of locking the wire around the pin it may be made with its stem forked and one fork passed under the wire, so as to act as a lever, that when the wire is at the apex it will be between the forks of the pin and so held in place.

Having described my invention and its operation, what I claim, and desire Letters Patent for, is—

The bottle A, provided with the fetlock B, cover C, having the rib D, inclined ridge E, provided with the groove *e* and hole F, the wire loop H, locked to the apex of the ridge by a pin, and a gasket, all combined, arranged, and operating as and for the object set forth.

ROBERT GORDON.

Witnesses:

JAMES R. GORDON,
GEO. RUSSELL.