

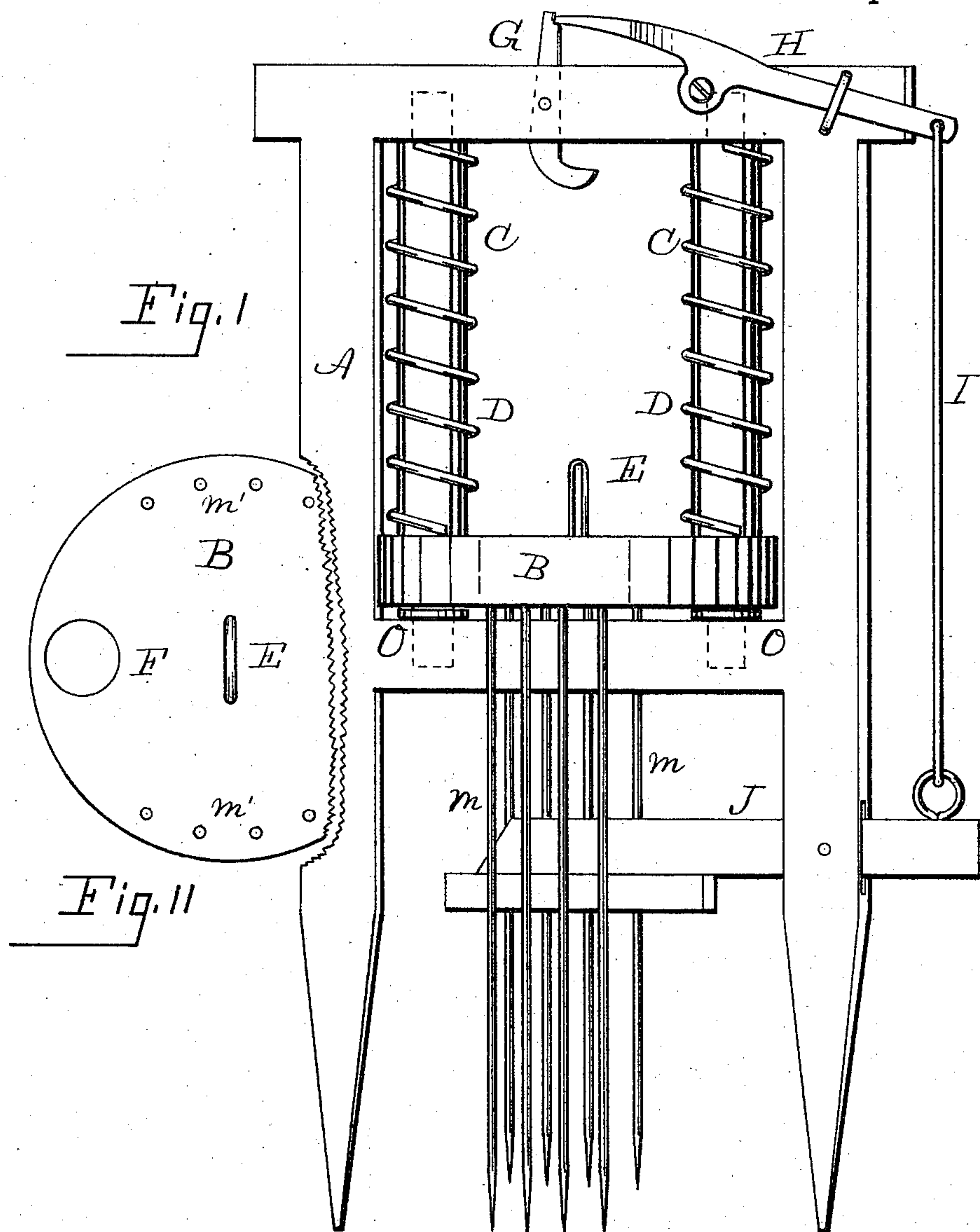
(No Model.)

J. GILBERT.

MOLE TRAP.

No. 305,445.

Patented Sept. 23, 1884.



WITNESSES:

Leopold Leibold
John Trautman

INVENTOR

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UNITED STATES PATENT OFFICE.

JAMES GILBERT, OF LIBERTY, OHIO.

MOLE-TRAP.

SPECIFICATION forming part of Letters Patent No. 305,445, dated September 23, 1884.

Application filed March 8, 1884. (No model.)

To all whom it may concern.

Be it known that I, JAMES GILBERT, a citizen of the United States, residing at Liberty, in the county of Montgomery and State of Ohio, have invented a certain new and useful Improvement in Mole-Traps; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention relates to improvements in mole-traps, the features of which will be hereinafter fully set forth.

The mechanism is illustrated in the accompanying drawings, in which Figure 1 is a side elevation of the mole-trap. Fig. 2 is a top view of the spear-head.

Similar letters designate like parts throughout both views.

A is the frame, which consists of two uprights, pointed at the lower ends, and two cross-pieces. Between the cross-pieces are supported the cylindrical guides C—one on each side. These are surrounded by the spiral coils D, which bear against the upper cross-piece and the spear-head B. The spear-head is circular in form, and has holes (see F, Fig. 2) which embrace the guides. On its upper surface is attached the staple E, and from beneath are driven in a series of spears, *m m*, into holes *m' m'*. The lower ends of the wires forming the spears are made sharp.

G is a hook pivoted in a mortise of the up-

per cross-piece, and is held in position to support the spear-head by the pivotal lever H, which is attached to the outside of the frame. This lever is connected by the rod I to the lever J, which is pivoted within a mortise of the upright. At O are rubber rings to relieve the force of the blow. On the inner end of this lever is attached a block somewhat wider than the lever.

The operation is thus: The earth is pressed down over the hole made by the mole. The spear-head is raised onto the hook, the lever H being held into the notch of the hook. The trap is then forced into the earth at a right angle to the hole, until the lever J has contact with the surface. When the mole retraces the hole, his efforts raise the lever, thereby disengaging the spear-head, which descends by the recoil of the springs, the spears penetrating the mole, and causing its death.

Having thus described my invention, what I desire to secure by Letters Patent is—

The frame A, guides C, springs D, surrounding said guides, spear-head B, with spears *m* and holes F, embracing said guides, hook G, lever H, staple E, rod I, and ground-lever J, the whole combined and operated substantially as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JAMES GILBERT.

Witnesses:

B. PICKERING,
W. H. CLARK.