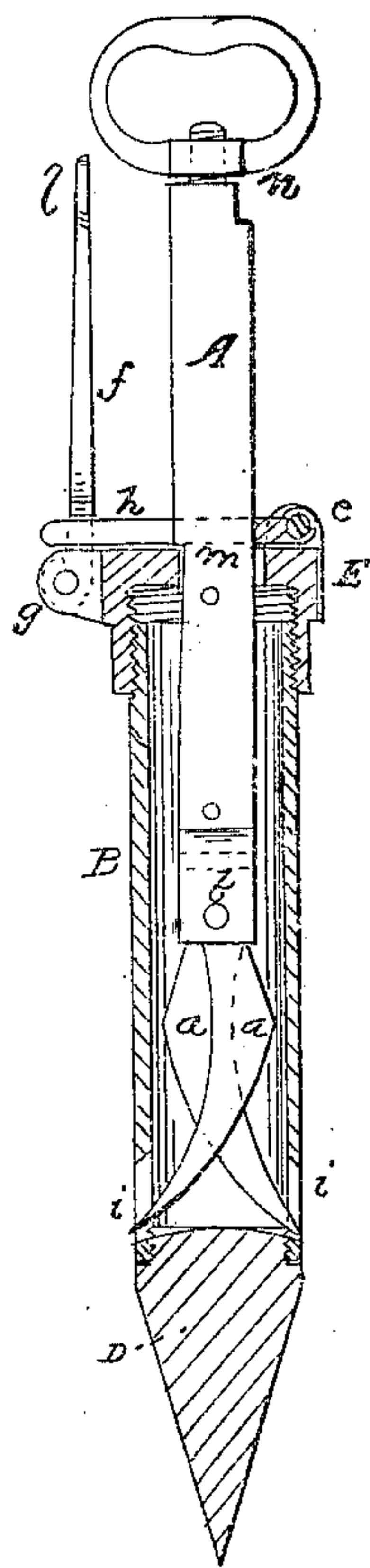


*M. H. Pope,  
Hay Fork.*

*No. 78324.*

*Patented May 26 1868.*



*Witnesses.  
H. C. Ashkett  
Wm A Morgan*

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M. H. Pope  
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# United States Patent Office.

M. H. POPE, OF SUSQUEHANNA DEPOT, PENNSYLVANIA.

*Letters Patent No. 78,324, dated May 26, 1868.*

## IMPROVEMENT IN HORSE HAY-FORKS.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, M. H. POPE, of Susquehanna Depot, in the county of Susquehanna, and State of Pennsylvania, have invented a new and improved Hay-Harpoon; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

The drawing represents a central section of my improved hay-fork.

The invention consists in construction of certain parts of the hay-fork, which will hereafter be fully set forth.

The shank A is provided with the tines *a a*, pivoted thereto at *b*, which tines are thrust out horizontally from the shank and case B, through the slots *i i* in the latter, when the said shank is pushed down.

A slotted arm, *h*, is pivoted to the cap E at *e*, and the bifurcations of this arm pass down by the shank when the latter is to be locked in either of the two positions which the notches *m* and *n* permit.

A lever, *f*, having a ring, *l*, and shoulders, *c*, is pivoted to the cap at *g*; and, when the forked arm *h* is pressed down horizontally, the lever *f* is raised vertically, which brings the reduced part below the shoulders of said lever into the slot of the arm *h*, and the shoulders *c* pass above the slotted arm, as shown, thus holding the shank firmly, for the bottom of the slot in the arm bears against the side of the shank, and actuates the notch *m* to catch upon the edge of the hole through which the shank passes.

The same operation is required when the shank is thrust down, and the tines are to be locked in a horizontal position, suitable for lifting hay. When the hay is to be discharged from the tines, the tripping-line, attached to the ring of the lever *f*, is drawn, which liberates the arm *h*, and the notch *n*, being slightly bevelling or rounding, will slip from the edge of the cap, and permit the case to slip downward, thus drawing in the tines.

The pointed head D is screwed into the case, as shown, and, being a separate attachment, enables the case to be made at less cost than when the point is a continuous part of the same.

The point is also readily detachable, for the purpose of removing the hay-seed, dirt, and other foreign substances that may get into the case.

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

The slotted arm *h*, lever *f*, both pivoted to the cap E of the case B of a hay-harpoon, all substantially as shown and described, and for the purpose set forth.

Witnesses:

A. SMITH,

E. E. BARTON.

M. H. POPE.