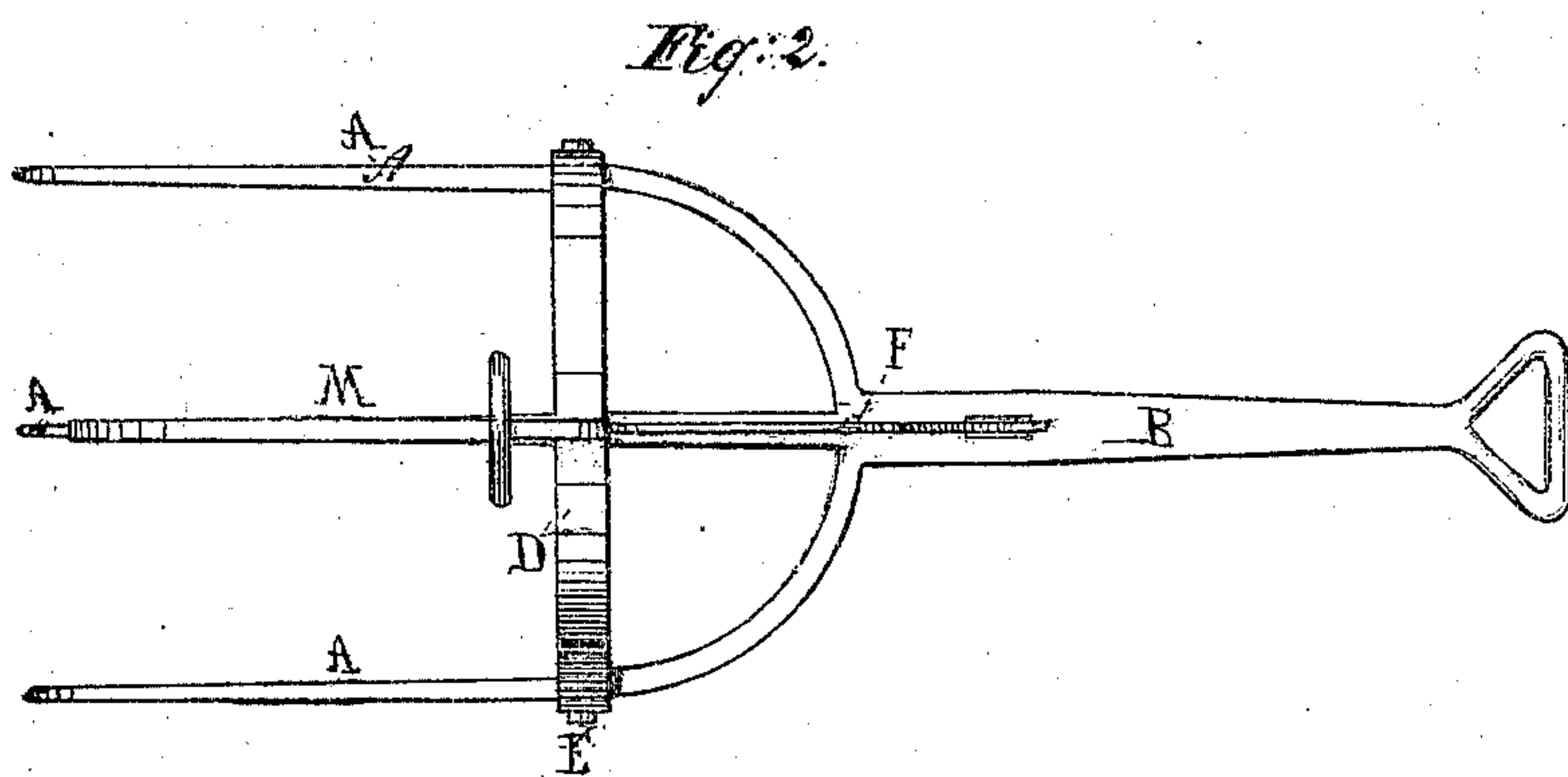
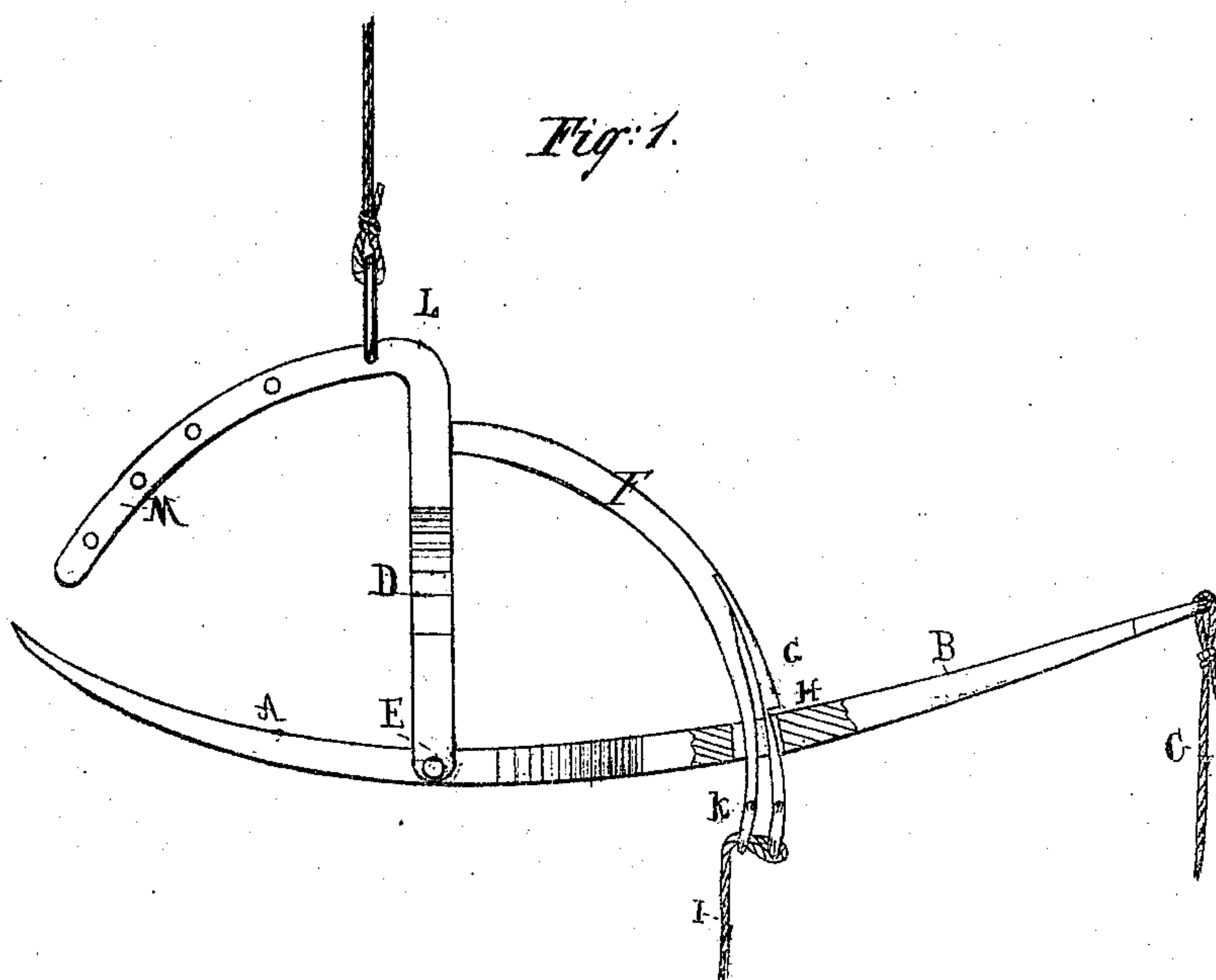


*S. G. Simpson,  
Hay Fork.*

*No. 97449.*

*Patented. Nov. 30. 1869.*



**Witnesses:**

*Wm. T. Clark  
Alex. F. Roberts*

**Inventor:**

*S. G. Simpson*  
PER *M. M. M.*  
**Attorneys.**

# United States Patent Office.

SAMUEL G. SIMPSON, OF MILL CREEK, PENNSYLVANIA.

*Letters Patent No. 97,449, dated November 30, 1869.*

## HORSE HAY-FORK.

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, SAMUEL G. SIMPSON, of Mill Creek, Huntingdon county, Pennsylvania, have invented a new and improved Hay-Elevating Fork; 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 drawing, forming part of this specification.

This invention relates to improvements in power hay-elevating forks, and has for its object to provide a simple and efficient arrangement of the same.

The invention consists in an improved hay-elevating fork, whose parts are constructed and arranged, in respect to each other, in the manner hereafter more particularly described.

Figure 1 represents a side elevation of my improved fork, partly sectioned, and

Figure 2 represents a plan view of the same.

Similar letters of reference indicate corresponding parts.

A represents the tines, of which there may be three or more.

B, the handle, which may have a hole in the end, for the attachment of a guiding-cord.

C D represent the suspending-yoke, pivoted to the outer tines at E.

F is the curved setting and tripping-bar, provided with a spring-catch, G, near the end, and working through a slot in the handle.

The said spring-catch is provided with a projection, H, which engages the handle at the end of the mortise, and holds the fork in the position for elevating.

I is the trip-cord. It passes through an eye, K, in the end of the arm F, and connects with the end of the spring-catch, so that when pulled for tripping, it will spring the catch toward the rigid part, so as to disengage the projection H from the handle.

The yoke D is bent forward at L, and curved down toward the points of the tines, so that the end thereof will engage the hay, when the handle B is turned down to lock the fork in the position for elevating, and hold the hay on the tines, to prevent it from slipping off, in consequence of the tilting of the fork in elevating, as will often be the case.

This bent arm M is also provided with a number of holes, for the connection of the hoisting-cord ring at different distances from the point L, to change the line of suspension, as may be found best.

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

A hay-fork, consisting of the tines A A, shank B, yoke D, bent bar F, having eye K, spring-catch G H, and perforated bent bar L M, all combined, constructed, and arranged in the manner described.

SAMUEL G. SIMPSON.

Witnesses:

TEVOR SWOOPE,  
J. SIMPSON AFRICA.