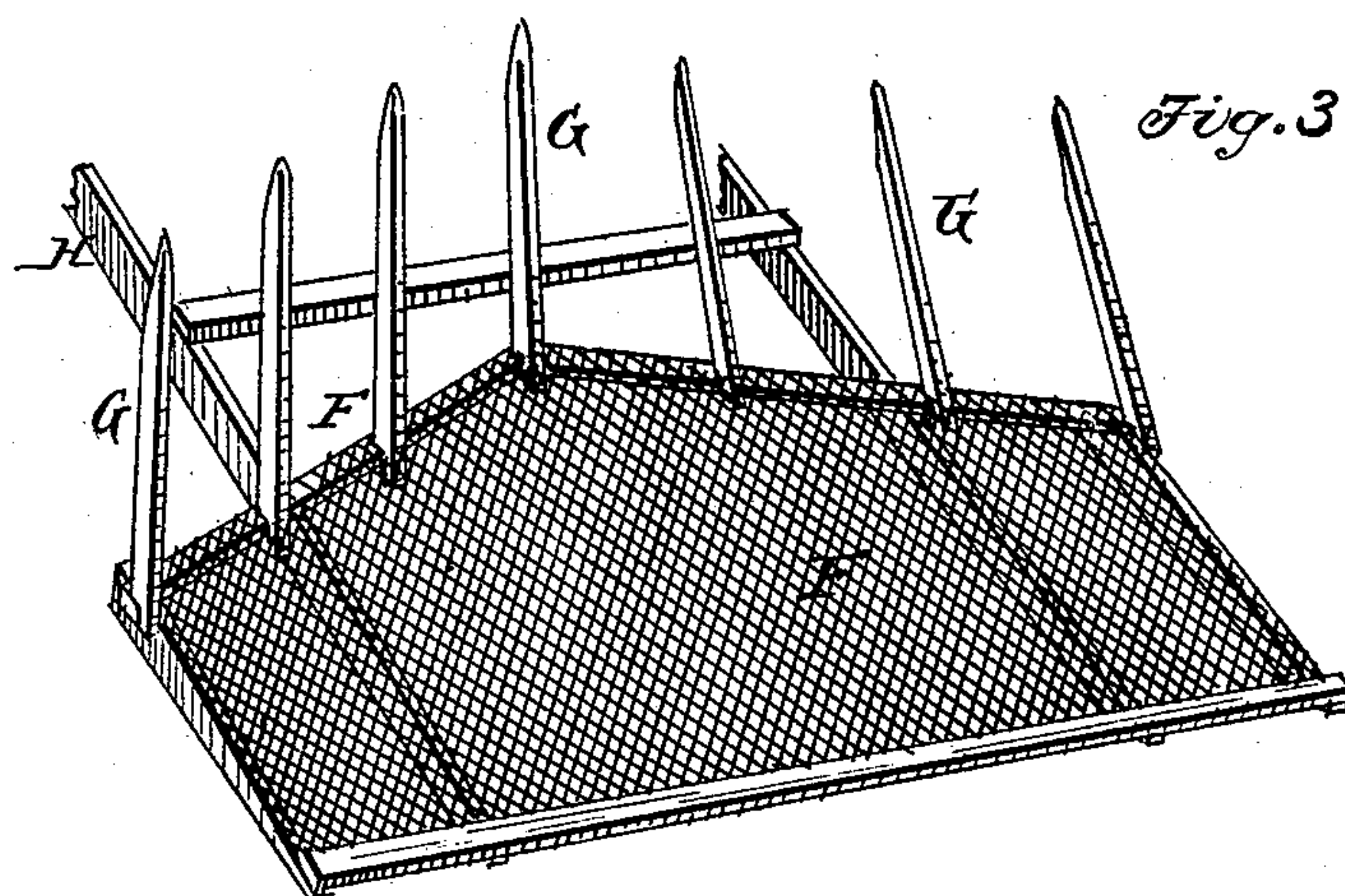
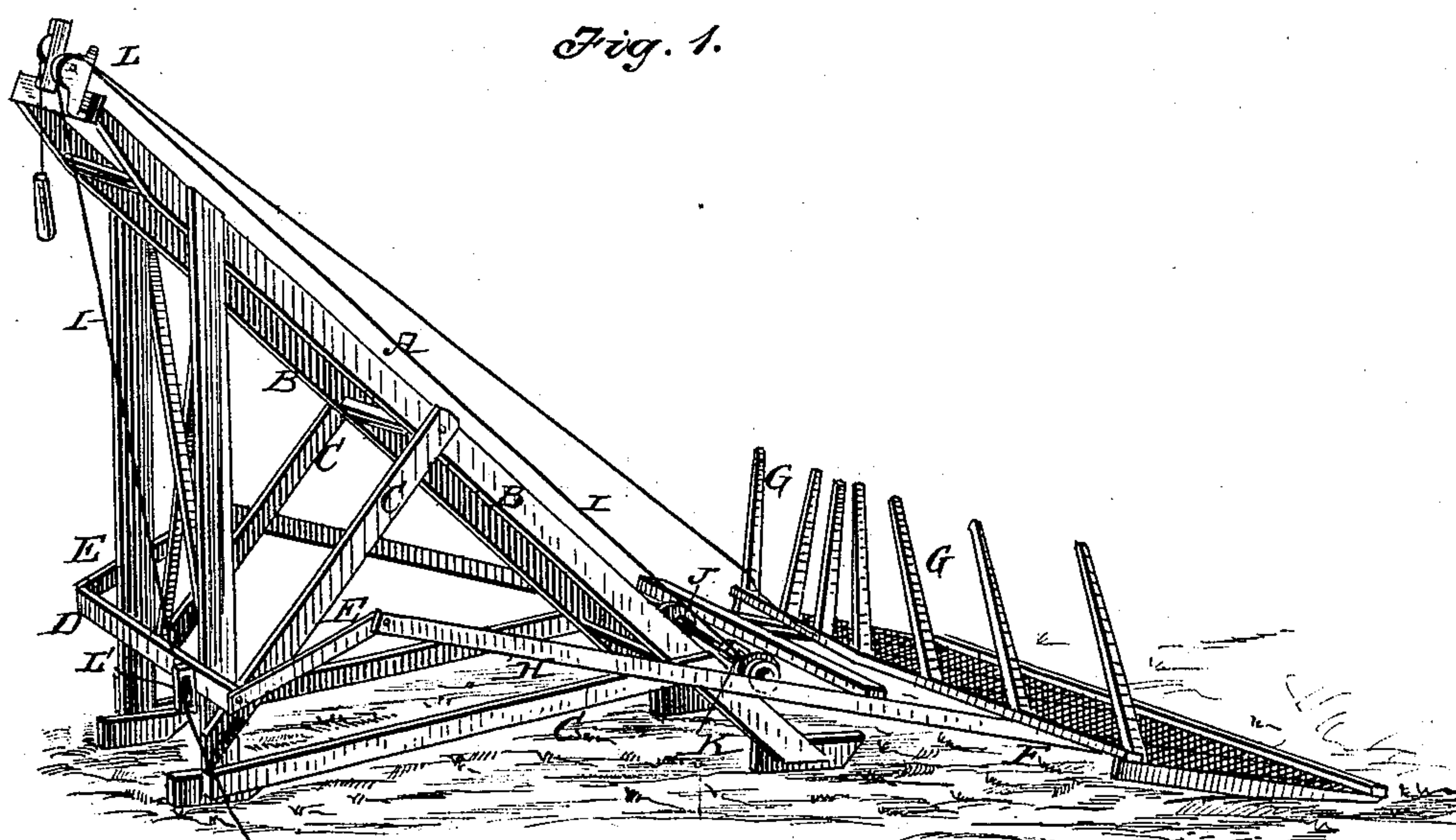


2 Sheets—Sheet 1.

No. 235,088.

**Patented Dec. 7, 1880.**



Witnesses  
Fred. G. Dieterich  
Charles K. Allen.

Inventor  
M. R. Jenkins  
Per C. A. Snowlee,  
attys.

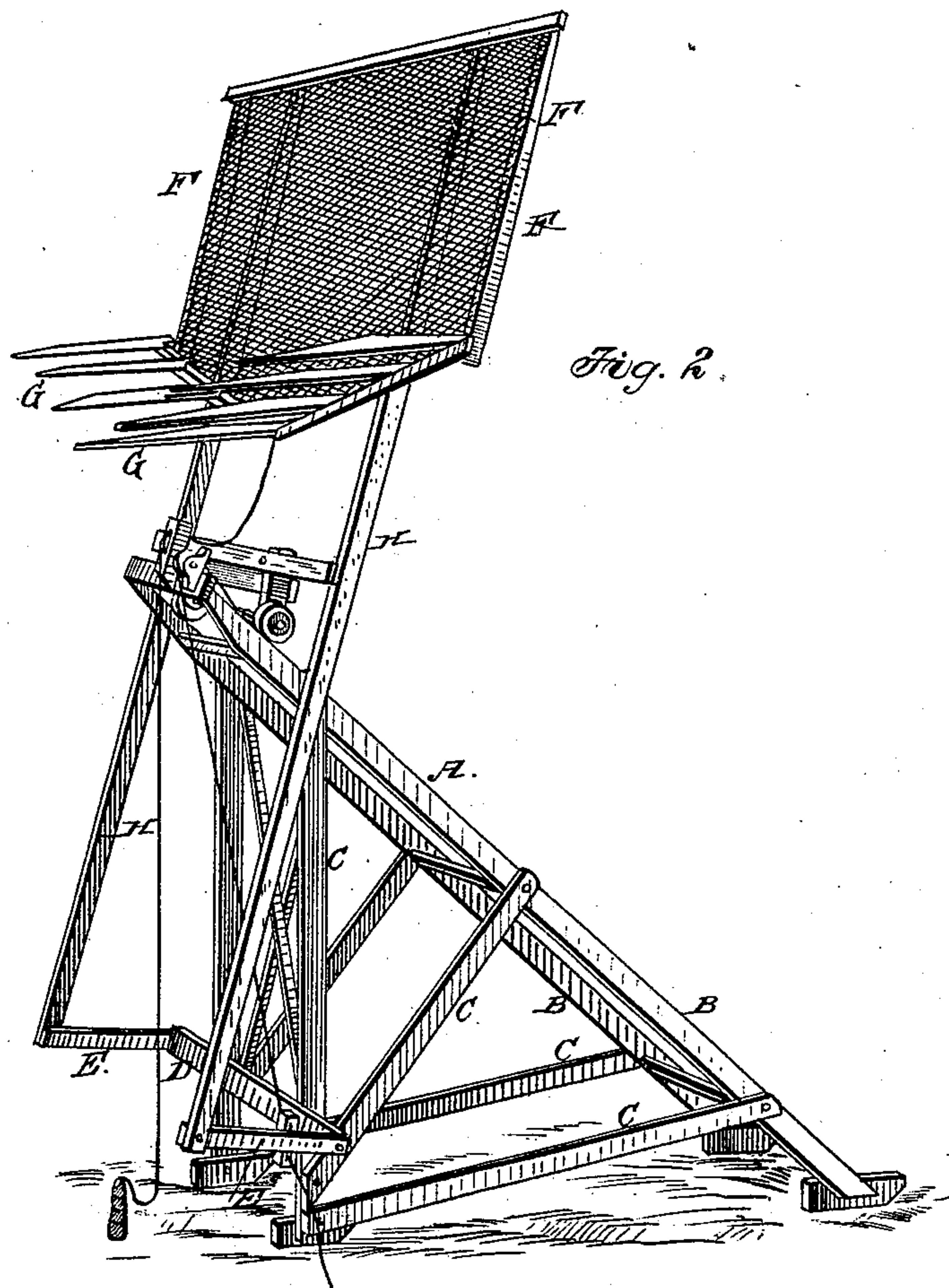
(No Model.)

2 Sheets—Sheet 2.

M. R. JENKINS.  
Device for Stacking Hay.

No. 235,088.

Patented Dec. 7, 1880.



Witnesses  
Fred G. Dietrich  
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# UNITED STATES PATENT OFFICE.

MARION R. JENKINS, OF BROWNING, MISSOURI.

## DEVICE FOR STACKING HAY.

SPECIFICATION forming part of Letters Patent No. 235,088, dated December 7, 1880.

Application filed August 18, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, MARION R. JENKINS, of Browning, in the county of Lincoln and State of Missouri, have invented certain new and useful Improvements in Devices for Stacking Hay; 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, which form a part of this specification.

Figure 1 is a perspective view. Fig. 2 is a perspective view showing the machine in a different position, and Fig. 3 is a detail view of the elevating-platform.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to devices for stacking hay; and it consists in certain improvements in the construction of the same, which will be hereinafter more fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A represents an inclined frame or track, consisting of beams B B, suitably connected and supported upon suitable braces, C C, which may, if so desired, be mounted upon rollers or runners, so as to be readily transported from place to place.

The rear side of frame A is provided with a transverse cross-piece, D, to the ends of which are pivoted arms or rods E E.

F is a platform, consisting of a wooden frame having a body of light and strong material, such as steel or iron wire, and provided at the rear with rearward-inclined teeth or guards G G, set in a line of a V, as shown, so that the central tooth or guard shall be at a point behind the side and end ones, the object of this being to cause the hay, when the load is tilted, to fall upon the center of the stack, from which it may be readily distributed to the sides when necessary.

The platform-frame F is provided with two rearward-projecting arms, H H, the rear ends of which are pivoted to the outer free ends of the pivoted rods or arms E E. The frame F is provided with rollers or casters traveling

upon the inclined track to diminish friction when the load is elevated.

The elevating-rope I has one end attached to the right-hand corner of the platform F, passing down through a pulley, J, near the wheel secured to the platform on the same side, thence directly across and through a pulley, K, arranged near the other wheel, thence through a pulley, L, at the upper left-hand corner of the frame, thence down and through a pulley, L', at the lower left-hand corner of the frame, at which point the draft-power is hitched to the rope.

When the load is elevated the effect of the pivoted arms E H is to balance the load and gradually turn it to a perpendicular or inclined position, as shown in Fig. 2 of the drawings, where the highest point of the track is reached and the load dumped or deposited upon the stack.

From the foregoing description, taken in connection with the drawings hereto annexed, the operation and advantages of my invention will be readily understood.

When a rakeful of hay has been gathered it is deposited upon the elevating-platform, the rake withdrawn, and the load elevated and dumped upon the stack. The platform is then lowered for a repetition of the operation.

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. The combination of the inclined track having pivoted arms E E with the elevating-platform F, having arms H H pivoted to the free ends of said arms E E, as and for the purpose set forth.

2. The elevating-platform F, constructed as described, and having rearward-inclined teeth or guards arranged in V shape, substantially as and for the purpose set forth.

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

M. R. JENKINS.

Witnesses:

R. T. S. CURTIS,  
J. W. CLARK.