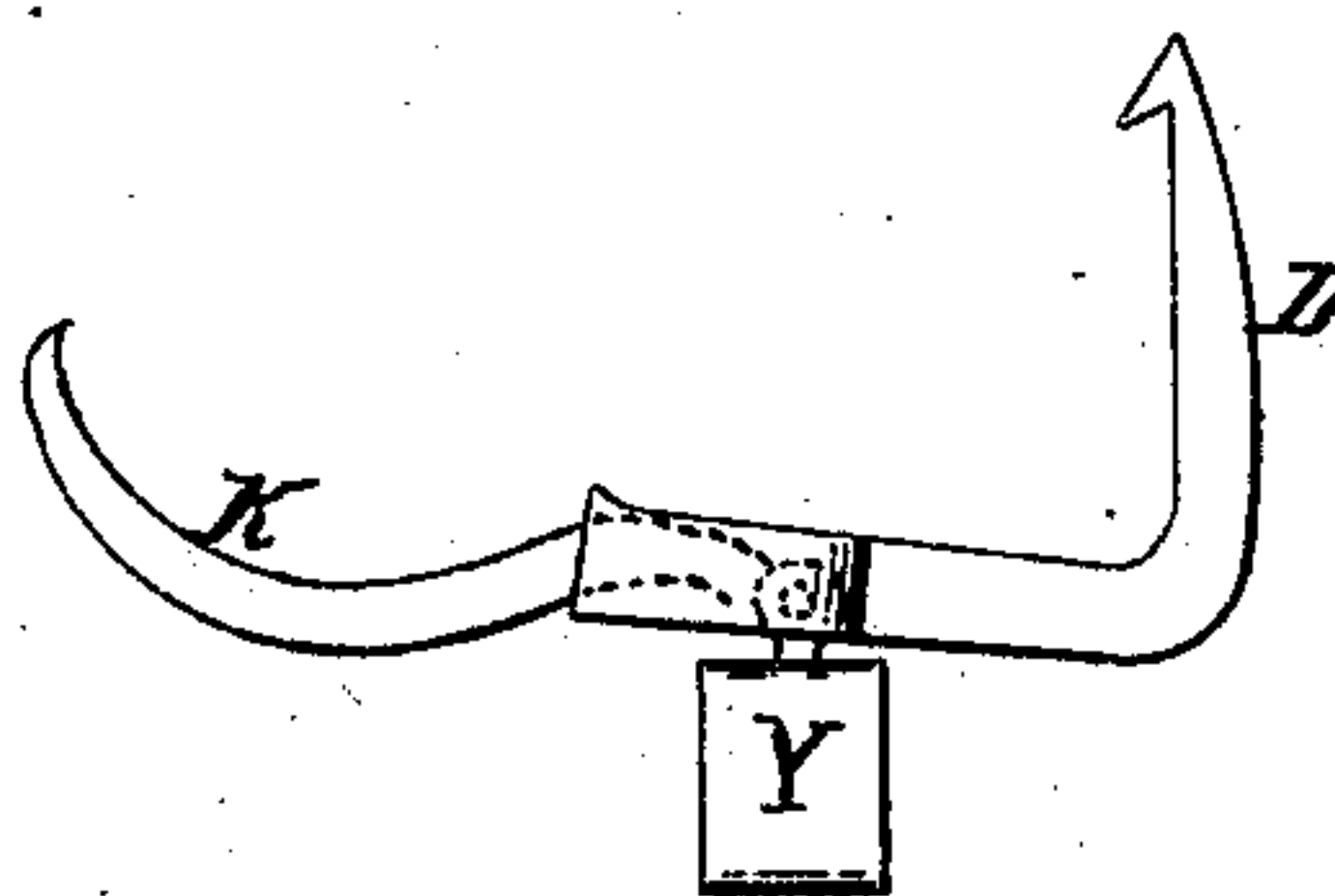
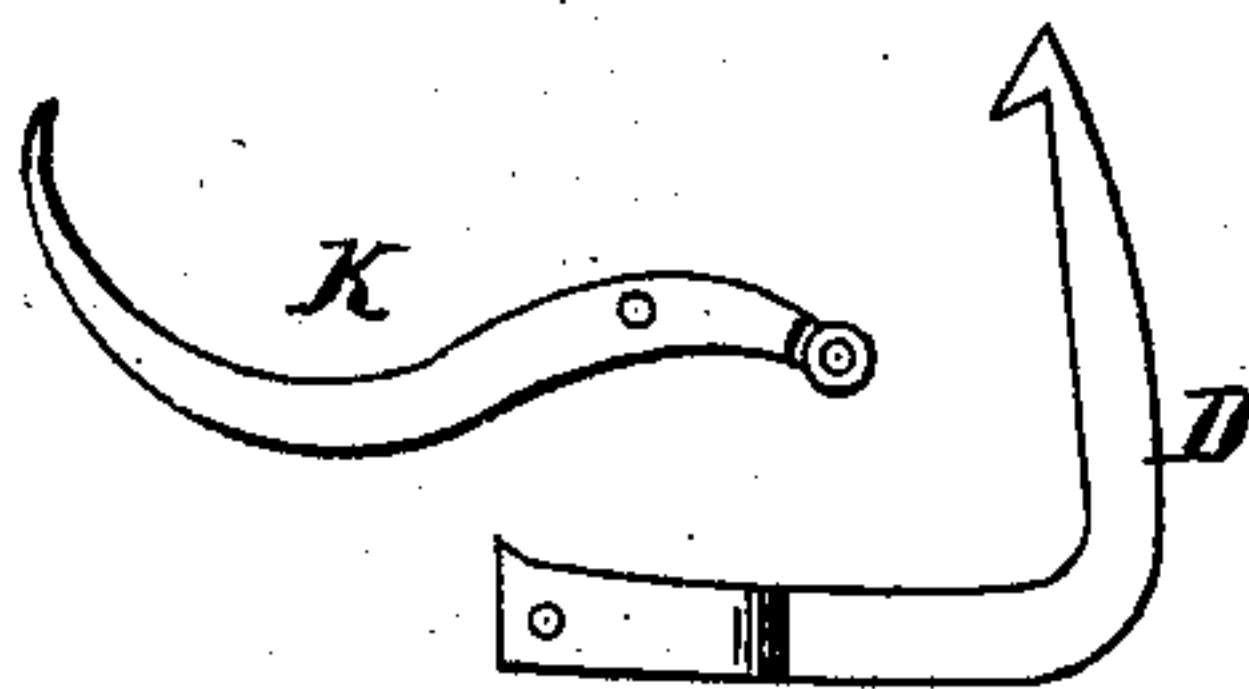
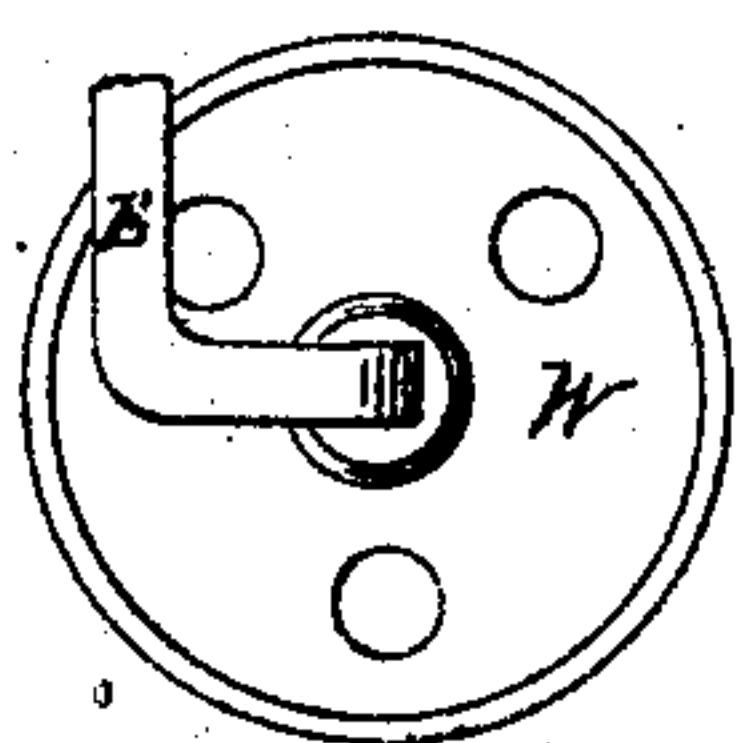
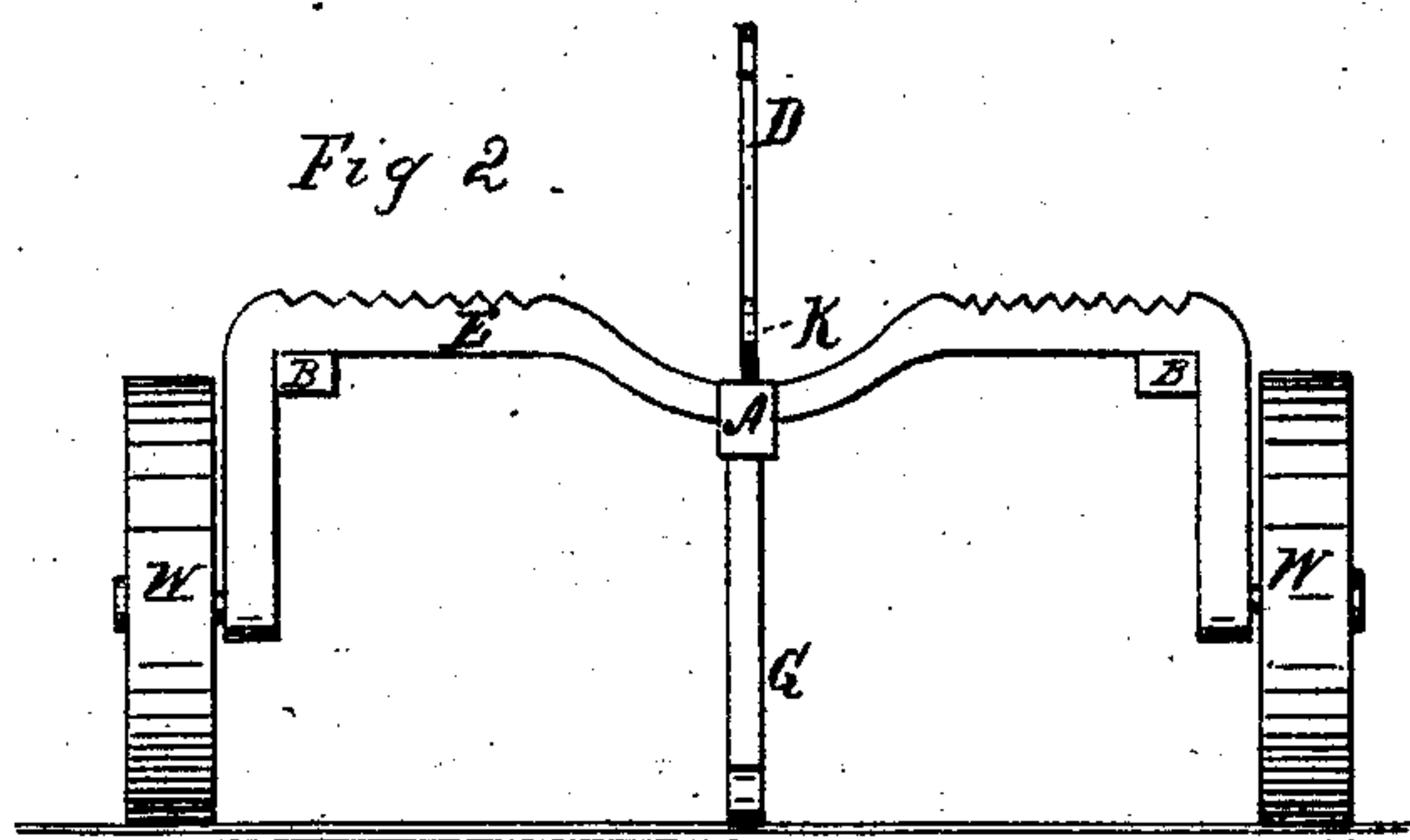
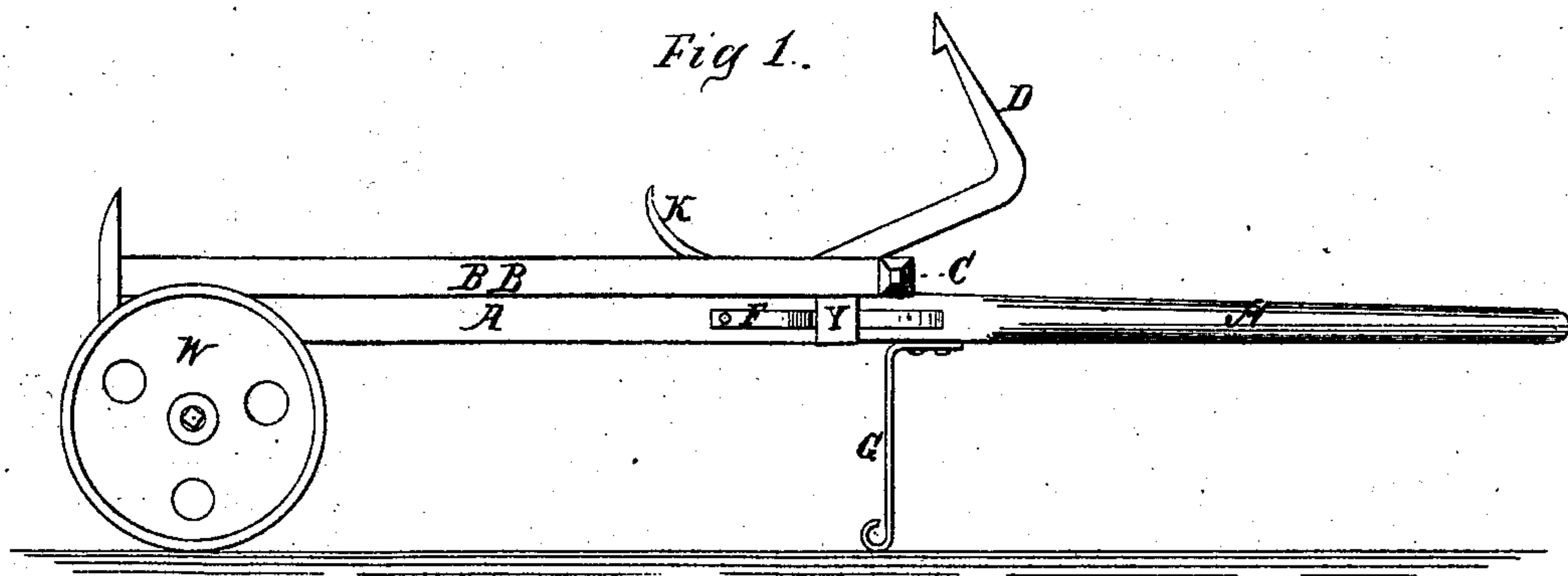


Thomas F. Kiff Hand Truck.

116325

PATENTED JUN 27 1871



Witnesses

E. D. George
Alex Harrison

Inventor

Thomas F. Kiff

UNITED STATES PATENT OFFICE.

THOMAS F. KIFF, OF FAIRBURY, ILLINOIS.

IMPROVEMENT IN HAND-TRUCKS.

Specification forming part of Letters Patent No. 116,325, dated June 27, 1871.

To all whom it may concern:

Be it known that I, THOMAS F. KIFF, of Fairbury, county of Livingston, State of Illinois, have invented a new and useful Improvement in Trucks for handling boxes, barrels, bales, &c.

My invention consists of frame-work, axle, and, clamp-hooks, so arranged as to grasp, hold, and, with the aid of wheels, to easily move boxes, barrels, bales, &c.

Figure 1 is a side view. Fig. 2 are sectional views.

The frame-work, Fig. 1, consists of lever A, side pieces B B, cross-bar C with spring F, and foot G, as shown in the drawing. The axle E, Fig. 2, to which the frame-work is bolted, is bent and curved to form a concave lip for the reception of barrels, with corrugated ends for holding the lower part of articles to be moved. The ad-

justable clamp-hooks D K, connected by bolt with hasp Y, slide on lever A. The lower part K forms a fulcrum, when properly adjusted to the article to be moved, by drawing lever A toward you, at the same time pressing the axle to the article. This action draws the upper part of clamp D into the article, holding it firmly, while the corrugated part of the axle prevents the same from sliding.

I claim as my invention—

The combination of frame-work, axle E, and adjustable clamp-hooks D K, for the purpose set forth and described.

THOMAS F. KIFF.

Witnesses:

ALEX. HARBISON,
T. D. GEORGE.